

Converting Colors

`RYB(218, 246, 246)`

Have a look what the booklet for
RYB(218, 246, 246) contains.

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Color

R_YB(218, 246, 246)

Conversions

Conversions Part 1

Format	Color
Hex	DAF6DA
RGB	218, 246, 218
RGB Percent	85%, 96%, 85%
CMY	0.1451, 0.0353, 0.1451
CMYK	0.11, 0.00, 0.11, 0.04
HSL	120°, 61%, 91%
HSV	120°, 11%, 96%
XYZ	74.5241, 85.8789, 78.9781
YIQ	234.4360, -7.7000, -14.6440

Conversions

Conversions Part 2

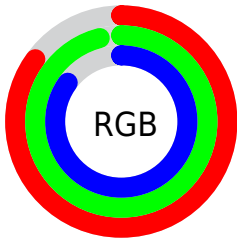
Format	Color
R_{YB}	218, 246, 246
Decimal	14350042
CIE _{Lab}	94.26, -14.20, 10.41
CIE _{LCh}	94, 17.606, 143.772
Yxy	85.8789, 0.3113, 0.3588
Android (android.graphics.Color)	4292540122 (0xFFDAF6DA)
YUV	234.4360, -8.1029, -14.4144
Hunter-Lab	92.6709, -18.6278, 14.3401

Details

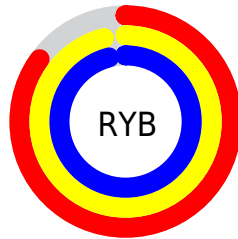
The RYB color **218, 246, 246** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **246, 218, 246**, and the grayscale version is **235, 235, 235**.

A 20% lighter version of the original color is **255, 255, 255**, and **163, 190, 190** is the 20% darker color. If you saturate the color by 10%, you get **193, 246, 246**, and if you desaturate by 10%, it is **243, 246, 246**.

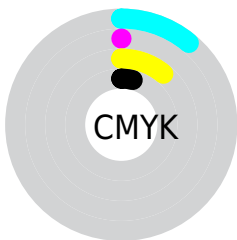
Distribution



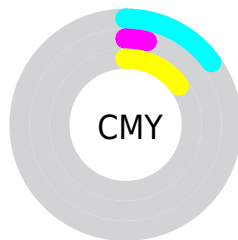
- Red (85%)
- Green (96%)
- Blue (85%)



- Red (85%)
- Yellow (96%)
- Blue (96%)



- Cyan (11%)
- Magenta (0%)
- Yellow (11%)
- Black (4%)



- Cyan (15%)
- Magenta (4%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RYB color 218, 246, 246 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 218, 246, 246 by changing the saturation by 10% instead.

■ 218, 246, 246

255, 255, 255

■ 218, 246, 246

■ 190, 218, 218

■ 163, 190, 190

■ 137, 163, 163

■ 111, 136, 136

■ 86, 110, 111

■ 63, 85, 86

■ 40, 61, 63

■ 19, 39, 41

■ 0, 22, 22

 218, 246, 246

 218, 246, 246

 193, 246, 246

 243, 246, 246

 169, 246, 246

 255, 246, 255

 144, 246, 246

 120, 246, 246

 95, 246, 246

 70, 246, 246

 46, 246, 246

 21, 246, 246

 0, 246, 246

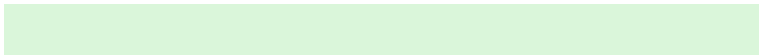
Harmonies

Analogous

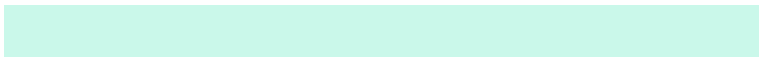
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



207, 242, 212



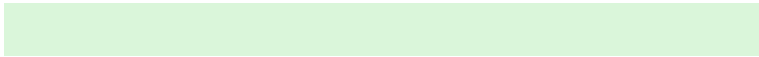
218, 246, 246



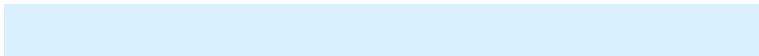
202, 229, 248

Triad

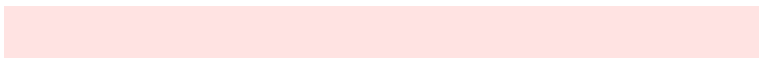
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



218, 246, 246



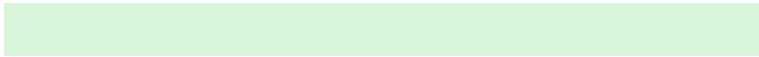
216, 231, 255



255, 227, 226

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



218, 246, 246



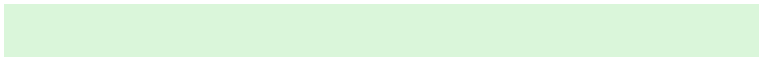
246, 218, 246

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 227, 243



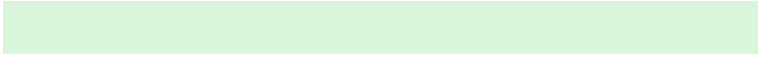
218, 246, 246



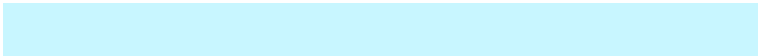
237, 235, 255

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



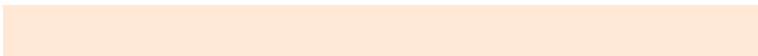
218, 246, 246



200, 225, 255



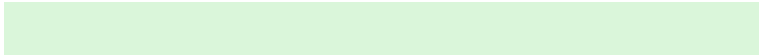
255, 230, 255



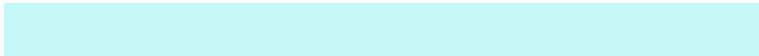
255, 246, 212

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



218, 246, 246



196, 223, 249



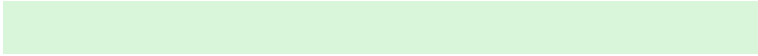
255, 230, 255



255, 227, 231

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



218, 246, 246



247, 255, 255



218, 246, 218



122, 128, 128



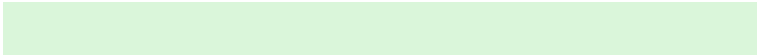
0, 0, 0



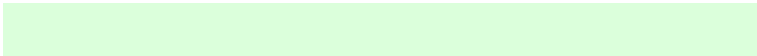
128, 128, 128

Same Dimension

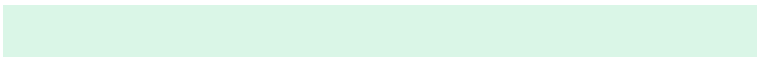
The Same Dimension uses a secret algorithm to generate beautiful new colors.



218, 246, 246



219, 255, 255



218, 237, 246



110, 122, 122



0, 186, 186



0, 59, 59

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



246, 218, 246



255, 219, 255



246, 218, 232



122, 110, 122



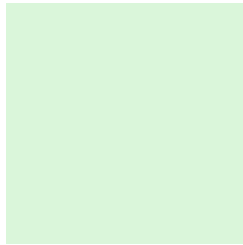
186, 0, 186



59, 0, 59

Previews

White Background



This preview shows how the RYB color 218, 246, 246 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 218, 246, 246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

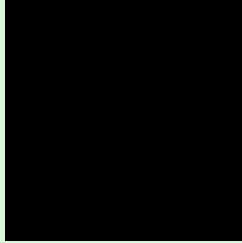
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

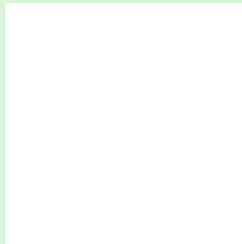
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

R Y B 218, 246, 246 Background



This preview shows how black text looks on a background with the R Y B color 218, 246, 246.



This preview shows how white text looks on a background with the R Y B color 218, 246, 246.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia

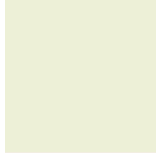
228, 236, 255

Trichromacy



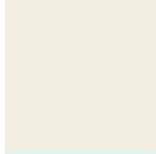
Original Color

218, 246, 246



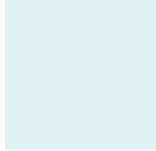
Protanomaly

215, 240, 218



Deuteranomaly

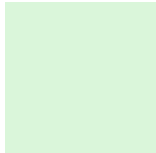
230, 242, 225



Tritanomaly

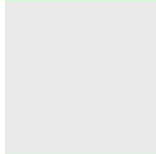
224, 233, 242

Monochromacy



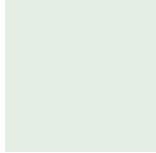
Original Color

218, 246, 246



Achromatopsia

234, 234, 234



Achromatomaly

228, 238, 238

CSS Examples

Text

The CSS property to change the color of the text to RYB 218, 246, 246 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(218, 246, 218)` looks like.

```
.text, #text, p{  
    color:rgb(218, 246, 218)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(218, 246, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 246, 218) }
```

Border

The CSS property to change the border of an element to RYB 218, 246, 246 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(218, 246, 218) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(218, 246, 218) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(218, 246, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 246, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 246, 218);  
box-shadow:4px 4px 4px 4px rgb(218, 246,  
218) }
```

Background

The CSS property to change the background color of an element to RGB 218, 246, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 246, 218) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(218,  
246, 218) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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