

Converting Colors

`RYB(210, 226, 242)`

Have a look what the booklet for
RYB(210, 226, 242) contains.

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Color

R_YB(210, 226, 242)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D2F2F2 |
| RGB | 210, 242, 242 |
| RGB Percent | 82%, 95%, 95% |
| CMY | 0.1765, 0.0510, 0.0510 |
| CMYK | 0.13, 0.00, 0.00, 0.05 |
| HSL | 180°, 55%, 89% |
| HSV | 180°, 13%, 95% |
| XYZ | 74.3575, 83.6167, 96.2250 |
| YIQ | 232.4320, -19.0720, -6.7840 |

Conversions

Conversions Part 2

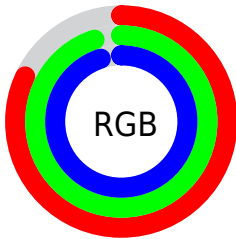
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 210, 226, 242 |
| Decimal | 13824754 |
| CIE _{Lab} | 93.28, -10.34, -3.51 |
| CIE _{LCh} | 93, 10.915, 198.748 |
| Yxy | 83.6167, 0.2925, 0.3289 |
| Android (android.graphics.Color) | 4292014834 (0xFFD2F2F2) |
| YUV | 232.4320, 4.7170, -19.6729 |
| Hunter-Lab | 91.4422, -14.8740, 1.6184 |

Details

The RYB color **210, 226, 242** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **242, 210, 210**, and the grayscale version is **232, 232, 232**.

A 20% lighter version of the original color is **255, 255, 255**, and **155, 171, 186** is the 20% darker color. If you saturate the color by 10%, you get **186, 214, 242**, and if you desaturate by 10%, it is **234, 238, 242**.

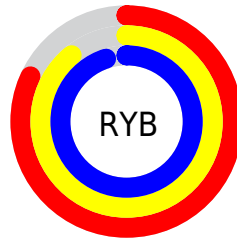
Distribution



Red (82%)

Green (95%)

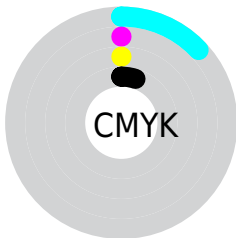
Blue (95%)



Red (82%)

Yellow (89%)

Blue (95%)

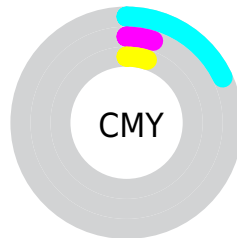


Cyan (13%)

Magenta (0%)

Yellow (0%)

Black (5%)



Cyan (18%)

Magenta (5%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 210, 226, 242 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 210, 226, 242 by changing the saturation by 10% instead.

■ 210, 226, 242

255, 255, 255

■ 210, 226, 242

■ 182, 198, 214

■ 155, 171, 186

■ 129, 144, 159

■ 103, 118, 133

■ 79, 93, 108

■ 55, 69, 83

■ 32, 46, 60

■ 10, 24, 39

■ 0, 9, 18

 210, 226, 242


 210, 226, 242

 186, 214, 242


 234, 238, 242


 162, 202, 242


 255, 242, 242


 137, 190, 242

 113, 178, 242

 89, 166, 242

 65, 154, 242

 41, 142, 242

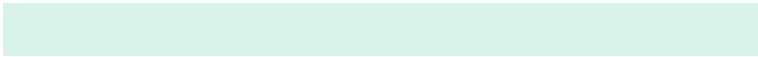
 16, 129, 242

 0, 121, 242

Harmonies

Analogous

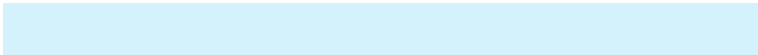
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



215, 232, 242



210, 226, 242



212, 229, 251

Triad

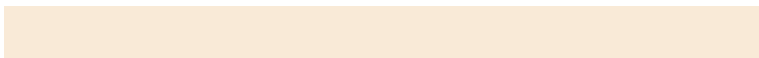
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



210, 226, 242



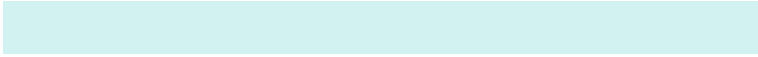
246, 231, 250



242, 249, 215

Complementary

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



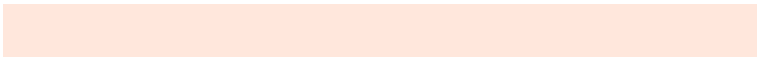
210, 226, 242



242, 210, 210

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, 236, 220



210, 226, 242



255, 229, 240

Square

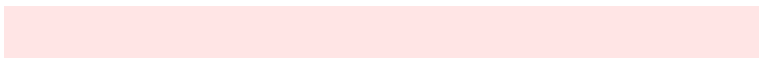
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



210, 226, 242



233, 234, 255



255, 229, 229



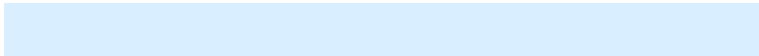
216, 237, 216

Rectangle

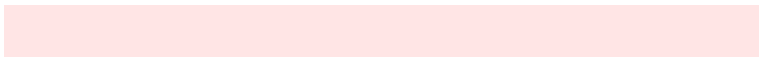
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



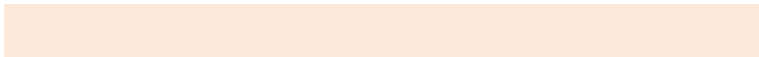
210, 226, 242



217, 231, 255



255, 229, 229



252, 245, 216

Sweetspot

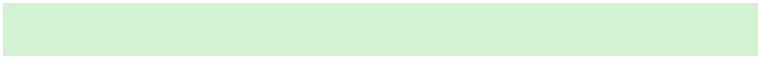
The Sweet Spot groups the original color and five complimentary colors.



210, 226, 242



245, 250, 255



210, 242, 242



121, 125, 128



0, 0, 0



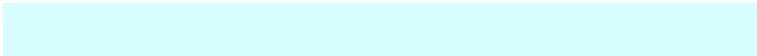
128, 128, 128

Same Dimension

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



210, 226, 242



214, 235, 255



210, 221, 242



108, 114, 120



0, 92, 184



0, 28, 56

Inverse Universe

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



242, 210, 242



255, 214, 255



242, 242, 210



120, 108, 120



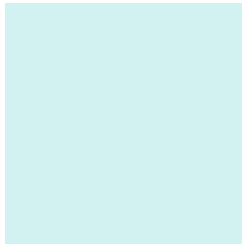
184, 0, 184



56, 0, 56

Previews

White Background



This preview shows how the RYB color 210, 226, 242 looks on a white background.

Color Contrast Check

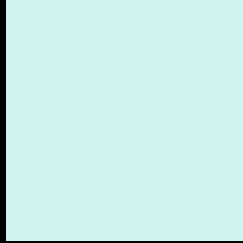
Large Text (above 18pt) WCAG AA × Fail

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 210, 226, 242 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 210, 226, 242 Background



This preview shows how black text looks on a background with the RYB color 210, 226, 242.

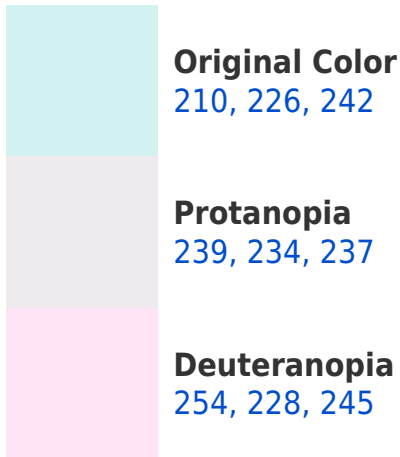


This preview shows how white text looks on a background with the RYB color 210, 226, 242.

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](#).

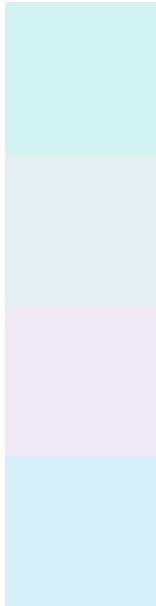
Dichromacy





Tritanopia
217, 231, 255

Trichromacy



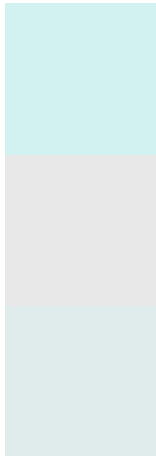
Original Color
210, 226, 242

Protanomaly
228, 233, 239

Deuteranomaly
238, 233, 244

Tritanomaly
214, 229, 250

Monochromacy



Original Color
210, 226, 242

Achromatopsia
232, 232, 232

Achromatomaly
224, 230, 236

CSS Examples

Text

The CSS property to change the color of the text to RYB 210, 226, 242 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(210, 242, 242)` looks like.

```
.text, #text, p{  
    color:rgb(210, 242, 242)  
}
```

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(210, 242, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 242, 242) }
```

Border

The CSS property to change the border of an element to RYB 210, 226, 242 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(210, 242, 242) }
```

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

```
.border{ border-color:rgb(210, 242, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 242, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 242, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 242, 242);  
box-shadow:4px 4px 4px 4px rgb(210, 242,  
242) }
```

Background

The CSS property to change the background color of an element to RYB 210, 226, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 242, 242) }
```

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

```
.background{ background-color: rgb(210,  
242, 242) }
```

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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