

Converting Colors

`RYB(252, 218, 246)`

Have a look what the booklet for
RYB(252, 218, 246) contains.

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Color

R_YB(252, 218, 246)

Conversions

Conversions Part 1

Format	Color
Hex	FCDAF6
RGB	252, 218, 246
RGB Percent	99%, 85%, 96%
CMY	0.0118, 0.1451, 0.0353
CMYK	0.00, 0.13, 0.02, 0.01
HSL	311°, 85%, 92%
HSV	311°, 13%, 99%
XYZ	81.8508, 77.4921, 97.8322
YIQ	231.3580, 11.2760, 15.9160

Conversions

Conversions Part 2

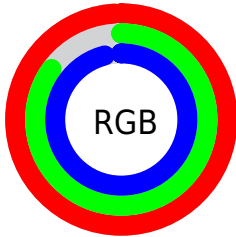
Format	Color
R_{YB}	252, 218, 246
Decimal	16571126
CIE _{Lab}	90.55, 16.44, -9.29
CIE _{LCh}	91, 18.884, 330.536
Yxy	77.4921, 0.3183, 0.3013
Android (android.graphics.Color)	4294761206 (0xFFFCDAF6)
YUV	231.3580, 7.2185, 18.1030
Hunter-Lab	88.0296, 11.9194, -4.2716

Details

The RYB color **252, 218, 246** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **218, 247, 252**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is **255, 255, 255**, and **195, 163, 190** is the 20% darker color. If you saturate the color by 10%, you get **252, 193, 242**, and if you desaturate by 10%, it is **252, 243, 250**.

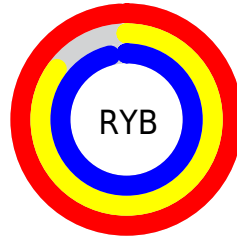
Distribution



Red (99%)

Green (85%)

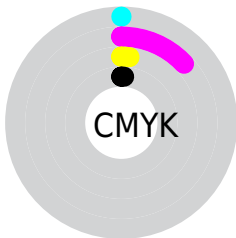
Blue (96%)



Red (99%)

Yellow (85%)

Blue (96%)

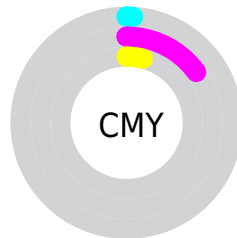


Cyan (0%)

Magenta (13%)

Yellow (2%)

Black (1%)



Cyan (1%)

Magenta (15%)

Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the RYB color 252, 218, 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 252, 218, 246 by changing the saturation by 10% instead.

 252, 218, 246


255, 255, 255

 252, 218, 246


 223, 190, 218

 195, 163, 190

 168, 137, 163

 141, 111, 136

 116, 87, 111

 91, 63, 87

 67, 41, 63

 44, 20, 41

 26, 0, 21

252, 218, 246

252, 218, 246

252, 193, 242

252, 243, 250

252, 168, 237

252, 254, 255

252, 142, 233

252, 117, 228

252, 92, 224

252, 67, 219

252, 42, 215

252, 16, 210

252, 0, 208

Harmonies

Analogous

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



232, 223, 255



252, 218, 246



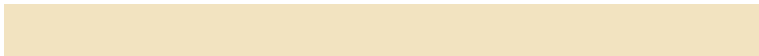
255, 216, 228

Triad

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



252, 218, 246



213, 242, 192



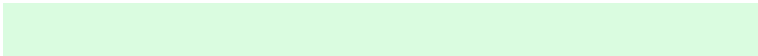
181, 211, 246

Complementary

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



252, 218, 246



218, 247, 252

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.



186, 216, 239



252, 218, 246



197, 232, 207

Square

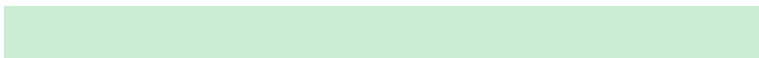
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



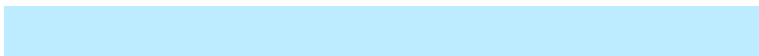
252, 218, 246



255, 238, 197



202, 230, 237



189, 216, 255

Rectangle

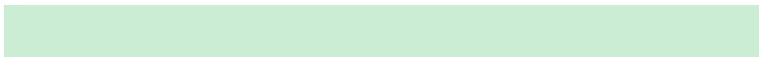
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



252, 218, 246



255, 216, 216



202, 230, 237



181, 210, 240

Sweetspot

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



252, 218, 246



255, 245, 253



224, 218, 252



128, 121, 126



0, 0, 0



128, 128, 128

Same Dimension

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



252, 218, 246



255, 214, 248



252, 218, 229



125, 112, 123



189, 0, 155



61, 0, 50

Inverse Universe

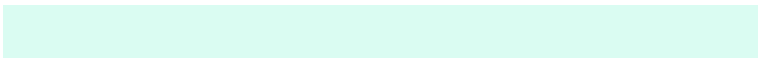
The Inverse Universe completely reimagines the original color for something new.



252, 218, 246



255, 214, 248



218, 238, 252



125, 112, 123



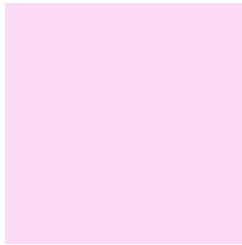
189, 0, 155



61, 0, 50

Previews

White Background



This preview shows how the RYB color 252, 218, 246 looks on a white background.

Color Contrast Check

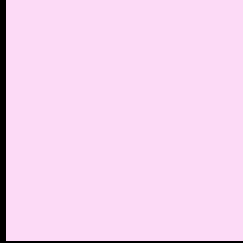
Large Text (above 18pt) WCAG AA × Fail

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 252, 218, 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

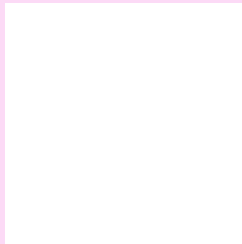
Any Text WCAG AAA ✓ Pass

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

RYB 252, 218, 246 Background



This preview shows how black text looks on a background with the RYB color 252, 218, 246.



This preview shows how white text looks on a background with the RYB color 252, 218, 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



Original Color
252, 218, 246

Protanopia
225, 227, 251

Deuteranopia
242, 222, 245



Tritanopia

251, 220, 237

Trichromacy



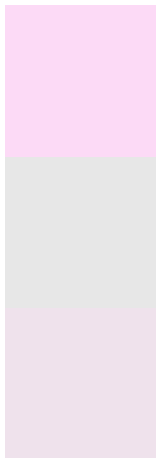
Original Color
252, 218, 246

Protanomaly
235, 224, 249

Deuteranomaly
246, 221, 245

Tritanomaly
251, 219, 240

Monochromacy



Original Color
252, 218, 246

Achromatopsia
231, 231, 231

Achromatomaly
239, 226, 236

CSS Examples

Text

The CSS property to change the color of the text to RYB 252, 218, 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(252, 218, 246) looks like.

```
.text, #text, p{  
    color:rgb(252, 218, 246)  
}
```

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(252, 218, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 218, 246) }
```

Border

The CSS property to change the border of an element to RYB 252, 218, 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(252, 218, 246) }
```

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

```
.border{ border-color:rgb(252, 218, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 218, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 218, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 218, 246);  
box-shadow:4px 4px 4px 4px rgb(252, 218,  
246) }
```

Background

The CSS property to change the background color of an element to RYB 252, 218, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 218, 246) }
```

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

```
.background{ background-color: rgb(252,  
218, 246) }
```

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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