

Converting Colors

`RYB(224, 206, 218)`

Have a look what the booklet for
RYB(224, 206, 218) contains.

RYB(224, 206, 218)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(224, 206, 218)

Conversions

Conversions Part 1

Format	Color
Hex	E0CEDA
RGB	224, 206, 218
RGB Percent	88%, 81%, 85%
CMY	0.1216, 0.1922, 0.1451
CMYK	0.00, 0.08, 0.03, 0.12
HSL	320°, 22%, 84%
HSV	320°, 8%, 88%
XYZ	65.4667, 65.0519, 75.4355
YIQ	212.7500, 6.8760, 7.5480

Conversions

Conversions Part 2

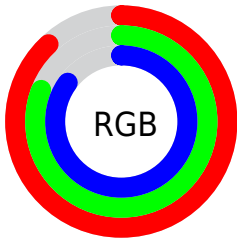
Format	Color
RYB	224, 206, 218
Decimal	14733018
CIELab	84.51, 8.33, -3.68
CIElCh	85, 9.108, 336.190
Yxy	65.0519, 0.3179, 0.3159
Android (android.graphics.Color)	4292923098 (0xFFE0CEDA)
YUV	212.7500, 2.5882, 9.8663
Hunter-Lab	80.6547, 3.7409, 1.0050

Details

The RYB color **224, 206, 218** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **206, 220, 224**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is **255, 255, 255**, and **169, 152, 163** is the 20% darker color. If you saturate the color by 10%, you get **224, 184, 211**, and if you desaturate by 10%, it is **224, 227, 228**.

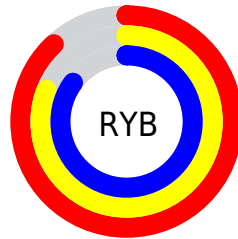
Distribution



Red (88%)

Green (81%)

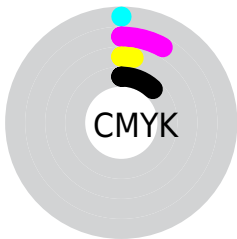
Blue (85%)



Red (88%)

Yellow (81%)

Blue (85%)

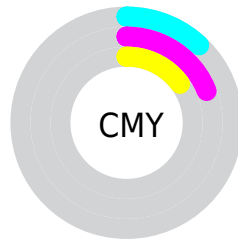


Cyan (0%)

Magenta (8%)

Yellow (3%)

Black (12%)



Cyan (12%)

Magenta (19%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RYB color 224, 206, 218 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 224, 206, 218 by changing the saturation by 10% instead.

■ 224, 206, 218

255, 255, 255

■ 224, 206, 218

■ 196, 178, 190

■ 169, 152, 163

■ 142, 126, 137

■ 117, 101, 112

■ 92, 77, 87

■ 68, 54, 64


■ 46, 33, 42

■ 26, 10, 22


■ 0, 0, 0

 224, 206, 218


 224, 206, 218

 224, 184, 211


 224, 227, 228

 224, 161, 203

 224, 244, 251

 224, 139, 196


 224, 244, 255

 224, 116, 188


 224, 241, 255


 224, 94, 181

 224, 240, 255

 224, 72, 173

 224, 49, 166

 224, 27, 158

 224, 4, 151

Harmonies

Analogous

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



215, 208, 225



224, 206, 218



229, 205, 209

Triad

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



224, 206, 218



200, 216, 194



190, 204, 221

Complementary

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



224, 206, 218



206, 220, 224

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.



191, 205, 216



224, 206, 218



197, 214, 205

Square

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



224, 206, 218



225, 218, 195



197, 210, 215



195, 207, 226

Rectangle

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



224, 206, 218



230, 206, 204



197, 210, 215



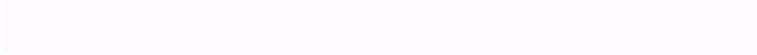
190, 203, 218

Sweetspot

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



224, 206, 218



255, 250, 253



212, 206, 224



128, 125, 127



0, 0, 0



128, 128, 128

Same Dimension

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



224, 206, 218



255, 230, 247



224, 206, 209



112, 101, 108



176, 0, 117



48, 0, 32

Inverse Universe

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



224, 206, 218



255, 230, 247



206, 216, 224



112, 101, 108



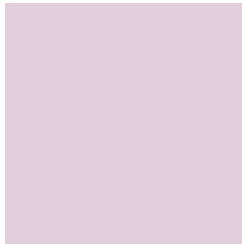
176, 0, 117



48, 0, 32

Previews

White Background



This preview shows how the RYB color 224, 206, 218 looks on a white background.

Color Contrast Check

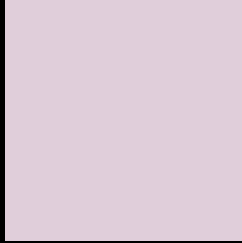
Large Text (above 18pt) WCAG AA × Fail

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 224, 206, 218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

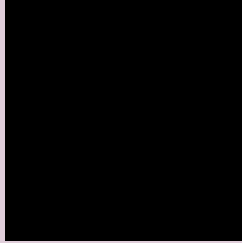
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

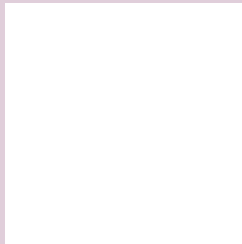
Any Text WCAG AAA ✓ Pass

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

RYB 224, 206, 218 Background



This preview shows how black text looks on a background with the RYB color 224, 206, 218.



This preview shows how white text looks on a background with the RYB color 224, 206, 218.

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
224, 206, 218

Protanopia
212, 210, 220

Deuteranopia
228, 205, 218



Tritanopia
225, 205, 222

Trichromacy



Original Color

224, 206, 218

Protanomaly

216, 209, 219

Deuteranomaly

227, 205, 218

Tritanomaly

225, 205, 221

Monochromacy



Original Color

224, 206, 218

Achromatopsia

213, 213, 213

Achromatomaly

217, 210, 215

CSS Examples

Text

The CSS property to change the color of the text to RYB 224, 206, 218 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(224, 206, 218) looks like.

```
.text, #text, p{  
    color:rgb(224, 206, 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(224, 206, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 206, 218) }
```

Border

The CSS property to change the border of an element to RYB 224, 206, 218 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(224, 206, 218) }
```

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

```
.border{ border-color:rgb(224, 206, 218) }
```

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

Here you see how a box with a 4 pixel rgb(224, 206, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 206, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 206, 218);  
box-shadow:4px 4px 4px 4px rgb(224, 206,  
218) }
```

Background

The CSS property to change the background color of an element to RYB 224, 206, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 206, 218) }
```

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

```
.background{ background-color: rgb(224,  
206, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor