

Converting Colors

`RYB(232, 226, 218)`

Have a look what the booklet for
RYB(232, 226, 218) contains.

RYB(232, 226, 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(232, 226, 218)

Conversions

Conversions Part 1

Format	Color
Hex	E8DFDA
RGB	232, 223, 218
RGB Percent	91%, 87%, 85%
CMY	0.0902, 0.1251, 0.1451
CMYK	0.00, 0.04, 0.06, 0.09
HSL	22°, 23%, 88%
HSV	22°, 6%, 91%
XYZ	72.3456, 75.0417, 77.0011
YIQ	225.1210, 6.9690, 0.3530

Conversions

Conversions Part 2

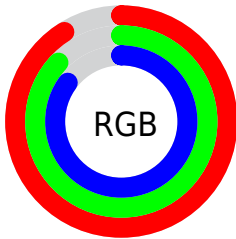
Format	Color
R _Y B	232, 226, 218
Decimal	15261658
CIE Lab	89.41, 2.16, 3.56
CIE LCh	89, 4.162, 58.779
Yxy	75.0417, 0.3224, 0.3344
Android (android.graphics.Color)	4293451738 (0xFFE8DFDA)
YUV	225.1210, -3.5107, 6.0329
Hunter-Lab	86.6266, -2.5236, 7.9366

Details

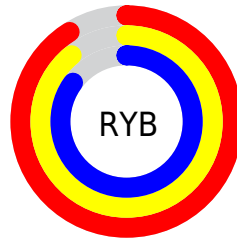
The RYB color **232, 226, 218** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **218, 223, 232**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is **255, 255, 255**, and **176, 171, 163** is the 20% darker color. If you saturate the color by 10%, you get **232, 215, 195**, and if you desaturate by 10%, it is **232, 236, 241**.

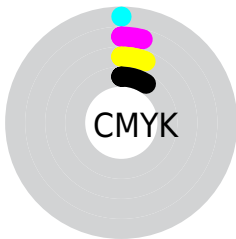
Distribution



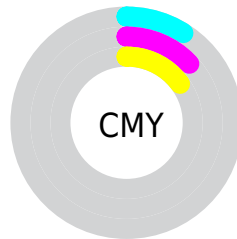
- Red (91%)
- Green (87%)
- Blue (85%)



- Red (91%)
- Yellow (89%)
- Blue (85%)



- Cyan (0%)
- Magenta (4%)
- Yellow (6%)
- Black (9%)



- Cyan (9%)
- Magenta (13%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RYB color 232, 226, 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 232, 226, 218 by changing the saturation by 10% instead.

■ 232, 226, 218

255, 255, 255

■ 232, 226, 218

■ 204, 198, 190

■ 176, 171, 163

■ 150, 145, 137

■ 124, 118, 112

■ 99, 93, 87

■ 75, 70, 64

■ 52, 49, 42

■ 31, 27, 22

■ 0, 0, 0

 232, 226, 218


 232, 226, 218

 232, 215, 195


 232, 236, 241


 232, 207, 172

 232, 243, 255

 232, 197, 148

 232, 244, 255

 232, 186, 125

 232, 176, 102

 232, 167, 79

 232, 157, 56

 232, 147, 32

 232, 136, 9

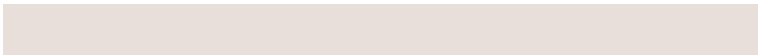
Harmonies

Analogous

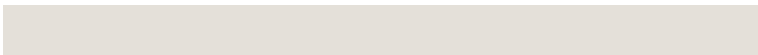
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



234, 222, 221



232, 226, 218



223, 228, 217

Triad

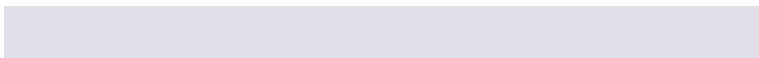
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



232, 226, 218



216, 222, 227



225, 224, 232

Complementary

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



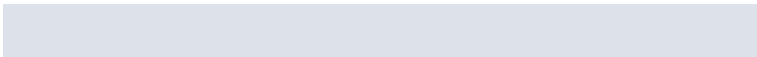
232, 226, 218



218, 223, 232

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.



221, 224, 233



232, 226, 218



215, 221, 228

Square

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



232, 226, 218



219, 226, 227



217, 222, 231



230, 223, 229

Rectangle

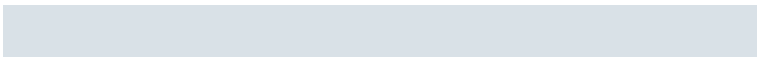
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



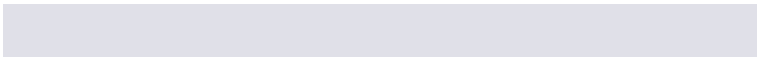
232, 226, 218



217, 225, 217



217, 222, 231



224, 224, 232

Sweetspot

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



232, 226, 218



255, 253, 250



232, 218, 227



128, 127, 125



0, 0, 0



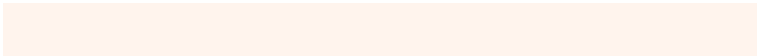
128, 128, 128

Same Dimension

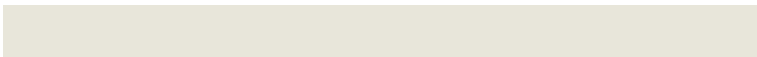
The Same Dimension uses a secret algorithm to generate beautiful new colors.



232, 226, 218



255, 248, 237



220, 232, 218



115, 111, 106



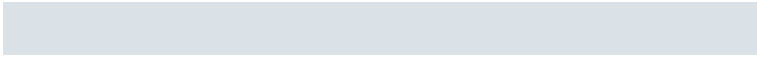
179, 102, 0



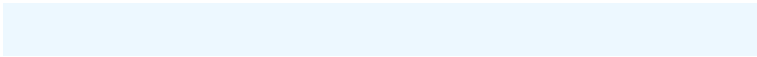
51, 30, 0

Inverse Universe

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



218, 223, 232



237, 244, 255



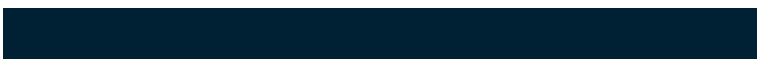
218, 220, 232



106, 109, 115



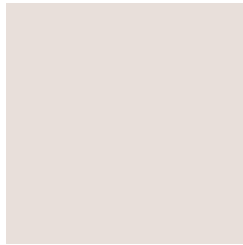
0, 70, 179



0, 20, 51

Previews

White Background



This preview shows how the RYB color 232, 226, 218 looks on a white background.

Color Contrast Check

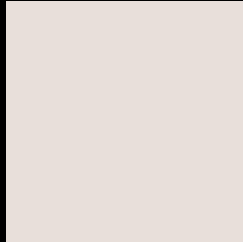
Large Text (above 18pt) WCAG AA × Fail

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 232, 226, 218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

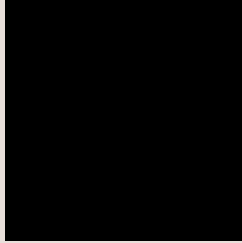
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

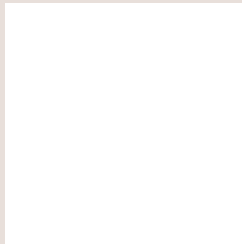
Any Text WCAG AAA ✓ Pass

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

RYB 232, 226, 218 Background



This preview shows how black text looks on a background with the RYB color 232, 226, 218.

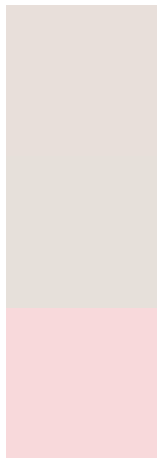


This preview shows how white text looks on a background with the RYB color 232, 226, 218.

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
232, 226, 218

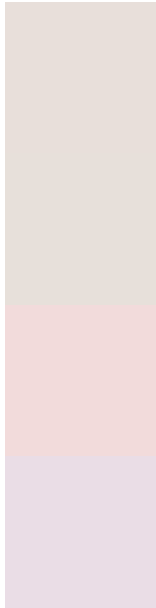
Protanopia
230, 230, 218

Deuteranopia
248, 217, 219



Tritanopia
235, 220, 237

Trichromacy



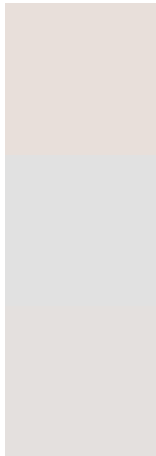
Original Color
232, 226, 218

Protanomaly
231, 229, 218

Deuteranomaly
242, 219, 219

Tritanomaly
234, 221, 230

Monochromacy



Original Color
232, 226, 218

Achromatopsia
225, 225, 225

Achromatomaly
228, 225, 222

CSS Examples

Text

The CSS property to change the color of the text to RYB 232, 226, 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(232, 223, 218) looks like.

```
.text, #text, p{  
    color:rgb(232, 223, 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(232, 223, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 223, 218) }
```

Border

The CSS property to change the border of an element to RYB 232, 226, 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(232, 223, 218) }
```

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

```
.border{ border-color:rgb(232, 223, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 223, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 223, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 223, 218);  
box-shadow:4px 4px 4px 4px rgb(232, 223,  
218) }
```

Background

The CSS property to change the background color of an element to RYB 232, 226, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 223, 218) }
```

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

```
.background{ background-color: rgb(232,  
223, 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