

Converting Colors

`RYB(216, 225, 218)`

Have a look what the booklet for
RYB(216, 225, 218) contains.

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Color

R_YB(216, 225, 218)

Conversions

Conversions Part 1

Format	Color
Hex	DFE1D8
RGB	223, 225, 216
RGB Percent	87%, 88%, 85%
CMY	0.1255, 0.1176, 0.1529
CMYK	0.01, 0.00, 0.04, 0.12
HSL	73°, 13%, 86%
HSV	73°, 4%, 88%
XYZ	69.7513, 74.4963, 75.6687
YIQ	223.3760, 1.6970, -3.2230

Conversions

Conversions Part 2

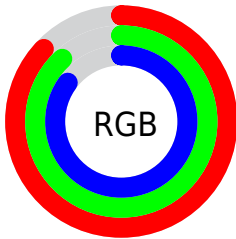
Format	Color
RYB	216, 225, 218
Decimal	14672344
CIELab	89.16, -2.26, 4.15
CIELCh	89, 4.728, 118.594
Yxy	74.4963, 0.3172, 0.3387
Android (android.graphics.Color)	4292862424 (0xFFDFE1D8)
YUV	223.3760, -3.6364, -0.3298
Hunter-Lab	86.3112, -6.7921, 8.4386

Details

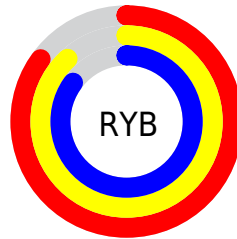
The RYB color **216, 225, 218** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **218, 216, 225**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is **255, 255, 255**, and **161, 170, 163** is the 20% darker color. If you saturate the color by 10%, you get **194, 225, 201**, and if you desaturate by 10%, it is **228, 225, 239**.

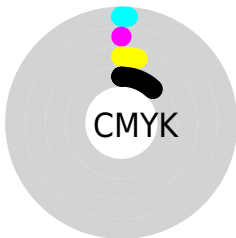
Distribution



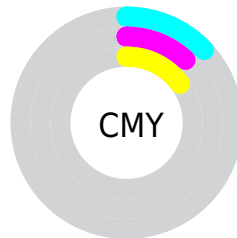
- Red (87%)
- Green (88%)
- Blue (85%)



- Red (85%)
- Yellow (88%)
- Blue (85%)



- Cyan (1%)
- Magenta (0%)
- Yellow (4%)
- Black (12%)



- Cyan (13%)
- Magenta (12%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RYB color 216, 225, 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 216, 225, 218 by changing the saturation by 10% instead.

■ 216, 225, 218

255, 255, 255

■ 216, 225, 218

■ 188, 197, 190

■ 161, 170, 163

■ 135, 143, 137

■ 110, 118, 112

■ 85, 93, 87

■ 62, 70, 64

■ 40, 47, 41

■ 20, 27, 22

■ 0, 0, 0

 216, 225, 218

 216, 225, 218

 194, 225, 201

 228, 225, 239

 171, 225, 183

 233, 225, 255

 148, 225, 165

 238, 225, 255

 126, 225, 148

 243, 225, 255

 103, 225, 130

 248, 225, 255

 81, 225, 113

 253, 225, 255

 59, 225, 96

 255, 225, 255

 36, 225, 78

 14, 225, 61

Harmonies

Analogous

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



221, 228, 215



216, 225, 218



218, 225, 226

Triad

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



216, 225, 218



215, 222, 231



233, 221, 224

Complementary

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



216, 225, 218



218, 216, 225

Split Complementary

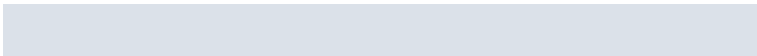
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



230, 222, 229



216, 225, 218



219, 223, 233

Square

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



216, 225, 218



213, 220, 228



225, 223, 232



234, 221, 220

Rectangle

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



216, 225, 218



215, 223, 227



225, 223, 232



232, 221, 226

Sweetspot

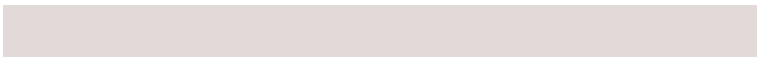
The Sweet Spot groups the original color and five complimentary colors.



216, 225, 218



252, 255, 253



225, 219, 216



126, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

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



216, 225, 218



242, 255, 245



216, 225, 222



105, 112, 106



0, 176, 39



0, 48, 10

Inverse Universe

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



218, 216, 225



245, 242, 255



222, 216, 225



107, 105, 112



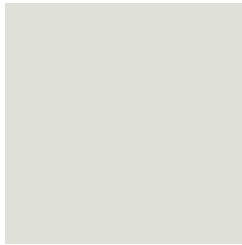
39, 0, 176



11, 0, 48

Previews

White Background



This preview shows how the RYB color 216, 225, 218 looks on a white background.

Color Contrast Check

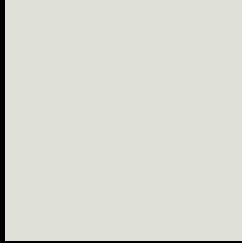
Large Text (above 18pt) WCAG AA × Fail

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 216, 225, 218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

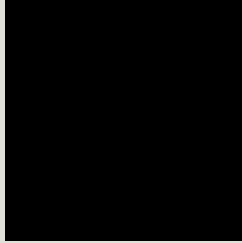
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

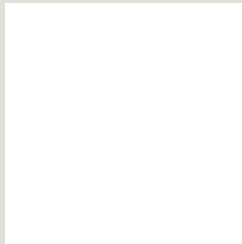
Any Text WCAG AAA ✓ Pass

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

RYB 216, 225, 218 Background



This preview shows how black text looks on a background with the RYB color 216, 225, 218.

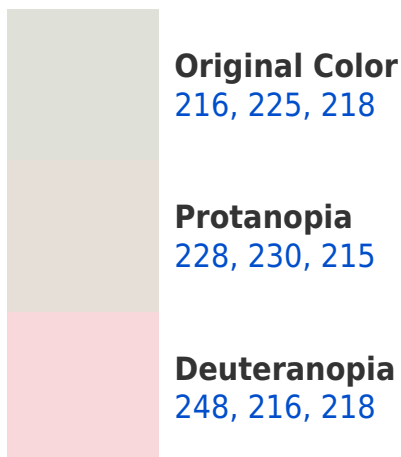


This preview shows how white text looks on a background with the RYB color 216, 225, 218.

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

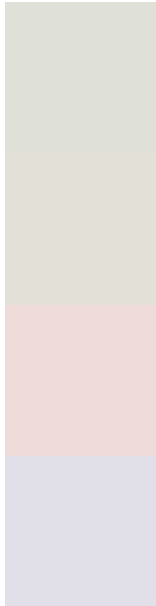




Tritanopia

226, 222, 239

Trichromacy



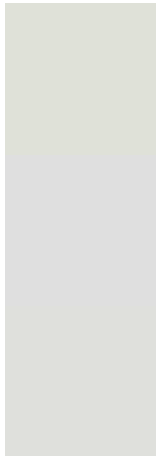
Original Color
216, 225, 218

Protanomaly
219, 227, 215

Deuteranomaly
239, 219, 217

Tritanomaly
225, 223, 231

Monochromacy



Original Color
216, 225, 218

Achromatopsia
223, 223, 223

Achromatomaly
220, 224, 221

CSS Examples

Text

The CSS property to change the color of the text to RGB 216, 225, 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(223, 225, 216) looks like.

```
.text, #text, p{  
    color:rgb(223, 225, 216)  
}
```

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(223, 225, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 225, 216) }
```

Border

The CSS property to change the border of an element to RYB 216, 225, 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(223, 225, 216) }
```

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

```
.border{ border-color:rgb(223, 225, 216) }
```

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

Here you see how a box with a 4 pixel rgb(223, 225, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 225, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 225, 216);  
box-shadow:4px 4px 4px 4px rgb(223, 225,  
216) }
```

Background

The CSS property to change the background color of an element to RYB 216, 225, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 225, 216) }
```

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

```
.background{ background-color: rgb(223,  
225, 216) }
```

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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