

Converting Colors

`RYB(218, 225, 222)`

Have a look what the booklet for
RYB(218, 225, 222) contains.

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Color

RYB(218, 225, 222)

Conversions

Conversions Part 1

Format	Color
Hex	DDE1DA
RGB	221, 225, 218
RGB Percent	87%, 88%, 85%
CMY	0.1333, 0.1176, 0.1451
CMYK	0.02, 0.00, 0.03, 0.12
HSL	94°, 10%, 87%
HSV	94°, 3%, 88%
XYZ	69.3989, 74.2845, 77.0103
YIQ	223.0060, -0.1370, -3.0250

Conversions

Conversions Part 2

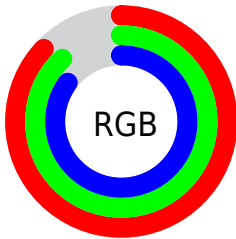
Format	Color
R_{YB}	218, 225, 222
Decimal	14541274
CIE Lab	89.06, -2.59, 2.94
CIE LCh	89, 3.919, 131.435
Yxy	74.2845, 0.3145, 0.3366
Android (android.graphics.Color)	4292731354 (0xFFDDE1DA)
YUV	223.0060, -2.4680, -1.7593
Hunter-Lab	86.1885, -7.1018, 7.3557

Details

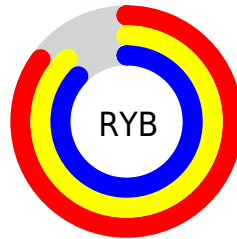
The RYB color **218, 225, 222** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **222, 218, 225**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is **255, 255, 255**, and **163, 170, 167** is the 20% darker color. If you saturate the color by 10%, you get **195, 225, 212**, and if you desaturate by 10%, it is **234, 225, 240**.

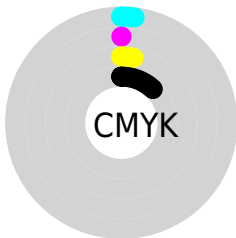
Distribution



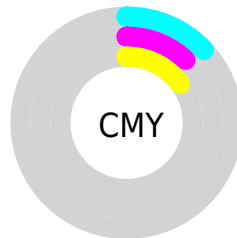
- Red (87%)
- Green (88%)
- Blue (85%)



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



- Cyan (2%)
- Magenta (0%)
- Yellow (3%)
- Black (12%)



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

Brightness & Saturation Gradients

These gradients show how the RYB color 218, 225, 222 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 218, 225, 222 by changing the saturation by 10% instead.

■ 218, 225, 222

255, 255, 255

■ 218, 225, 222

■ 190, 197, 194

■ 163, 170, 167

■ 137, 143, 140

■ 112, 118, 116

■ 87, 93, 90

■ 64, 70, 68

■ 42, 47, 45

■ 22, 27, 25

■ 0, 0, 0

 218, 225, 222

 218, 225, 222

 195, 225, 212

 234, 225, 240

 173, 225, 203

 247, 225, 255

 151, 225, 194

 255, 225, 255

 128, 225, 183

 106, 225, 174

 83, 225, 164

 60, 225, 154

 38, 225, 145

 16, 225, 136

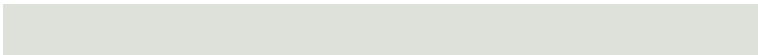
Harmonies

Analogous

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



217, 225, 216



218, 225, 222



217, 223, 226

Triad

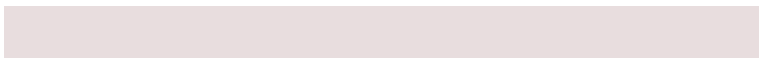
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



218, 225, 222



218, 223, 231



232, 221, 222

Complementary

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



218, 225, 222



222, 218, 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, 221, 226



218, 225, 222



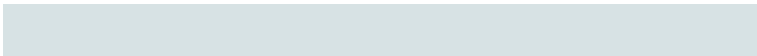
222, 223, 231

Square

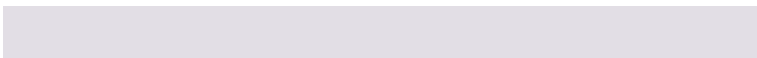
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



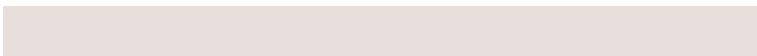
218, 225, 222



215, 221, 228



226, 222, 229



232, 223, 219

Rectangle

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



218, 225, 222



216, 222, 226



226, 222, 229



232, 221, 224

Sweetspot

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



218, 225, 222



252, 255, 253



223, 225, 218



126, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

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



218, 225, 222



245, 255, 251



218, 225, 225



107, 112, 110



0, 176, 101



0, 48, 27

Inverse Universe

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



222, 218, 225



251, 245, 255



225, 218, 225



110, 107, 112



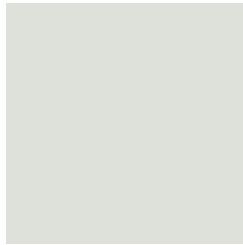
101, 0, 176



28, 0, 48

Previews

White Background



This preview shows how the RYB color 218, 225, 222 looks on a white background.

Color Contrast Check

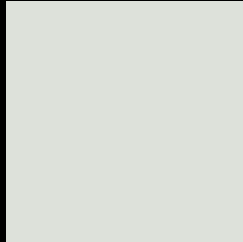
Large Text (above 18pt) WCAG AA × Fail

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 218, 225, 222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

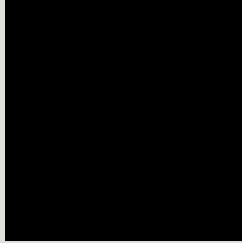
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

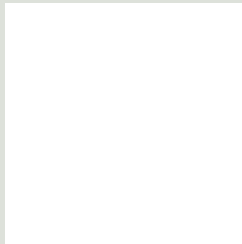
Any Text WCAG AAA ✓ Pass

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

R Y B 218, 225, 222 Background



This preview shows how black text looks on a background with the R Y B color 218, 225, 222.



This preview shows how white text looks on a background with the R Y B color 218, 225, 222.

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](#).

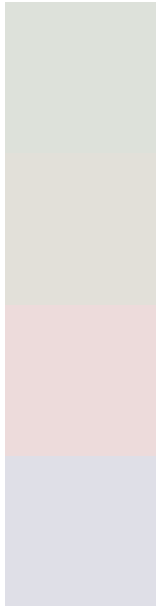
Dichromacy





Tritanopia
224, 222, 239

Trichromacy



Original Color

218, 225, 222

Protanomaly

220, 226, 217

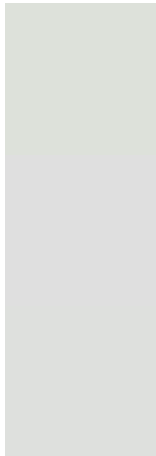
Deuteranomaly

237, 219, 219

Tritanomaly

223, 223, 231

Monochromacy



Original Color

218, 225, 222

Achromatopsia

223, 223, 223

Achromatomaly

221, 224, 223

CSS Examples

Text

The CSS property to change the color of the text to RYB 218, 225, 222 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(221, 225, 218) looks like.

```
.text, #text, p{  
    color:rgb(221, 225, 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(221, 225, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 225, 218) }
```

Border

The CSS property to change the border of an element to RYB 218, 225, 222 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(221, 225, 218) }
```

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

```
.border{ border-color:rgb(221, 225, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 225, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 225, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 225, 218);  
box-shadow:4px 4px 4px 4px rgb(221, 225,  
218) }
```

Background

The CSS property to change the background color of an element to RYB 218, 225, 222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 225, 218) }
```

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

```
.background{ background-color: rgb(221,  
225, 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](#).

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