

Converting Colors

RYB(206, 212, 225)

Have a look what the booklet for
RYB(206, 212, 225) contains.

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Color

R_YB(206, 212, 225)

Conversions

Conversions Part 1

Format	Color
Hex	CED7E1
RGB	206, 215, 225
RGB Percent	81%, 84%, 88%
CMY	0.1922, 0.1578, 0.1176
CMYK	0.08, 0.05, 0.00, 0.12
HSL	212°, 24%, 85%
HSV	212°, 8%, 88%
XYZ	63.2859, 67.0415, 80.8389
YIQ	213.4490, -8.5740, 1.2020

Conversions

Conversions Part 2

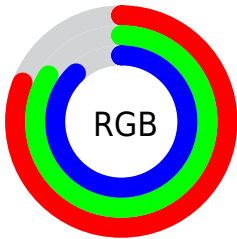
Format	Color
R _Y B	206, 212, 225
Decimal	13555681
CIE Lab	85.52, -1.00, -6.06
CIE LCh	86, 6.138, 260.642
Yxy	67.0415, 0.2997, 0.3175
Android (android.graphics.Color)	4291745761 (0xFFCED7E1)
YUV	213.4490, 5.6946, -6.5328
Hunter-Lab	81.8789, -5.3216, -1.2218

Details

The RYB color **206, 212, 225** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **223, 225, 206**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is **255, 255, 255**, and **152, 158, 170** is the 20% darker color. If you saturate the color by 10%, you get **184, 197, 225**, and if you desaturate by 10%, it is **227, 228, 225**.

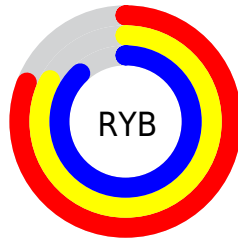
Distribution



Red (81%)

Green (84%)

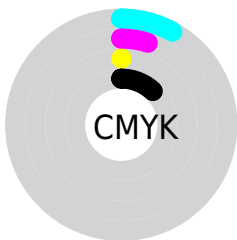
Blue (88%)



Red (81%)

Yellow (83%)

Blue (88%)

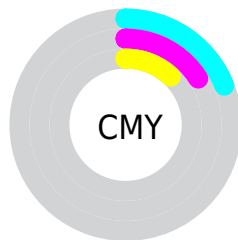


Cyan (8%)

Magenta (5%)

Yellow (0%)

Black (12%)



Cyan (19%)

Magenta (16%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RYB color 206, 212, 225 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 206, 212, 225 by changing the saturation by 10% instead.

■ 206, 212, 225

255, 255, 255

■ 206, 212, 225

■ 178, 184, 197

■ 152, 158, 170

■ 126, 131, 143

■ 101, 106, 118

■ 77, 82, 93

■ 54, 59, 70


■ 32, 37, 47

■ 11, 16, 26


■ 0, 0, 0

 206, 212, 225

 206, 212, 225

 184, 197, 225

 227, 228, 225

 161, 181, 225


 247, 251, 225


 139, 166, 225

 230, 255, 225

 116, 150, 225

 225, 255, 225

 94, 135, 225

 71, 120, 225

 49, 104, 225

 26, 89, 225

 3, 73, 225

Harmonies

Analogous

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



201, 210, 222



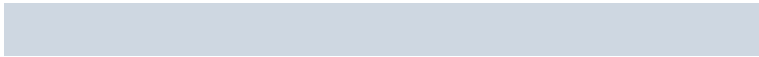
206, 212, 225



213, 213, 225

Triad

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



206, 212, 225



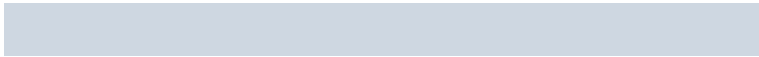
227, 210, 210



206, 216, 214

Complementary

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



206, 212, 225



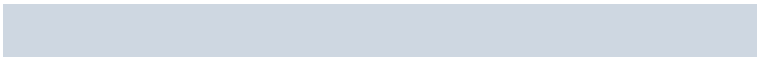
223, 225, 206

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.



203, 215, 204



206, 212, 225



225, 214, 205

Square

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



206, 212, 225



225, 210, 216



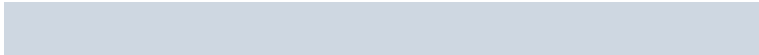
216, 221, 202



202, 211, 217

Rectangle

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



206, 212, 225



218, 212, 223



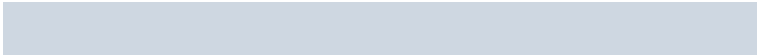
216, 221, 202



205, 216, 211

Sweetspot

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



206, 212, 225



247, 250, 255



206, 218, 225



122, 124, 128



0, 0, 0



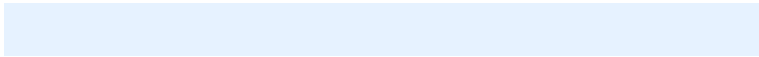
128, 128, 128

Same Dimension

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



206, 212, 225



230, 238, 255



207, 206, 225



101, 104, 112



0, 55, 176



0, 15, 48

Inverse Universe

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



225, 206, 215



255, 230, 241



206, 225, 207



112, 101, 106



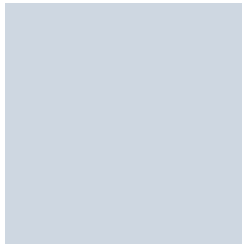
176, 0, 81



48, 0, 22

Previews

White Background



This preview shows how the RYB color 206, 212, 225 looks on a white background.

Color Contrast Check

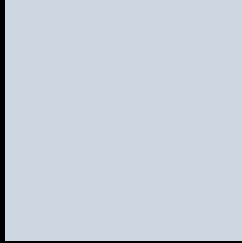
Large Text (above 18pt) WCAG AA × Fail

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 206, 212, 225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

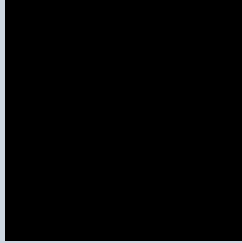
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

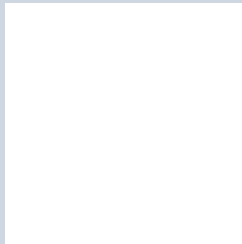
Any Text WCAG AAA ✓ Pass

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

RYB 206, 212, 225 Background



This preview shows how black text looks on a background with the RYB color 206, 212, 225.



This preview shows how white text looks on a background with the RYB color 206, 212, 225.

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](#).

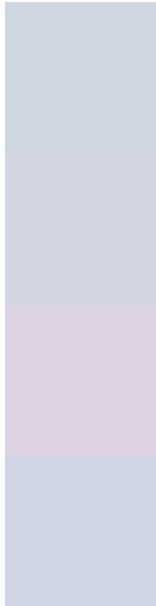
Dichromacy





Tritanopia
207, 212, 231

Trichromacy



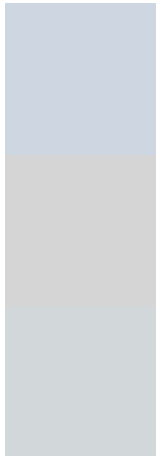
Original Color
206, 212, 225

Protanomaly
211, 213, 224

Deuteranomaly
220, 210, 226

Tritanomaly
207, 212, 229

Monochromacy



Original Color
206, 212, 225

Achromatopsia
213, 213, 213

Achromatomaly
210, 213, 217

CSS Examples

Text

The CSS property to change the color of the text to RYB 206, 212, 225 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(206, 215, 225) looks like.

```
.text, #text, p{  
    color:rgb(206, 215, 225)  
}
```

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(206, 215, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 215, 225) }
```

Border

The CSS property to change the border of an element to RYB 206, 212, 225 is called "border". The border property can be set on classes, ids or directly on the HTML element.

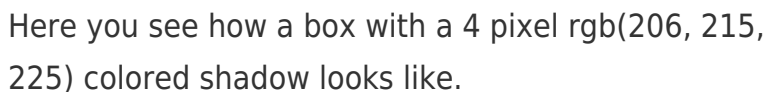
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 215, 225) }
```

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

```
.border{ border-color:rgb(206, 215, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(206, 215, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 215, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 215, 225); box-shadow:4px 4px 4px 4px rgb(206, 215, 225) }
```

Background

The CSS property to change the background color of an element to RGB 206, 215, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 215, 225) }
```

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

```
.background{ background-color: rgb(206,  
215, 225) }
```

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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