

Converting Colors

`RYB(186, 195, 206)`

Have a look what the booklet for
RYB(186, 195, 206) contains.

RYB(186, 195, 206)	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(186, 195, 206)

Conversions

Conversions Part 1

Format	Color
Hex	BACACE
RGB	186, 202, 206
RGB Percent	73%, 79%, 81%
CMY	0.2706, 0.2064, 0.1922
CMYK	0.10, 0.02, 0.00, 0.19
HSL	191°, 17%, 77%
HSV	191°, 10%, 81%
XYZ	52.5962, 57.3072, 66.6818
YIQ	197.6720, -10.8200, -2.1480

Conversions

Conversions Part 2

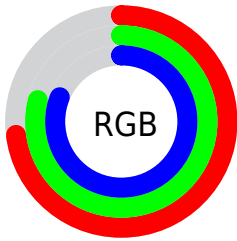
Format	Color
RYB	186, 195, 206
Decimal	12241614
CIELab	80.35, -4.81, -3.72
CIELCh	80, 6.083, 217.674
Yxy	57.3072, 0.2979, 0.3245
Android (android.graphics.Color)	4290431694 (0xFFBACACE)
YUV	197.6720, 4.1057, -10.2363
Hunter-Lab	75.7015, -8.4587, 0.7654

Details

The RYB color **186, 195, 206** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **206, 191, 186**, and the grayscale version is **198, 198, 198**.

A 20% lighter version of the original color is **242, 249, 255**, and **133, 141, 152** is the 20% darker color. If you saturate the color by 10%, you get **165, 184, 206**, and if you desaturate by 10%, it is **207, 206, 206**.

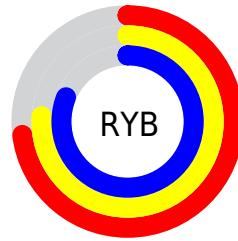
Distribution



Red (73%)

Green (79%)

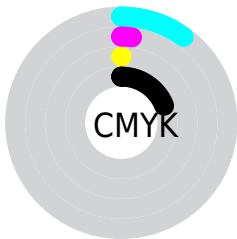
Blue (81%)



Red (73%)

Yellow (76%)

Blue (81%)

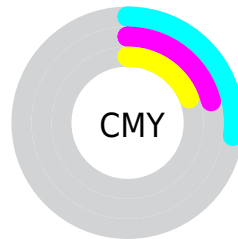


Cyan (10%)

Magenta (2%)

Yellow (0%)

Black (19%)



Cyan (27%)

Magenta (21%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RYB color 186, 195, 206 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 186, 195, 206 by changing the saturation by 10% instead.

■ 186, 195, 206

255, 255, 255

■ 242, 249, 255

■ 186, 195, 206

■ 159, 168, 179

■ 133, 141, 152

■ 107, 116, 126

■ 83, 91, 101

■ 60, 68, 77

■ 38, 45, 54

■ 17, 24, 33

■ 0, 2, 10

■ 0, 0, 0

■ 186, 195, 206

■ 186, 195, 206

■ 165, 184, 206

■ 207, 206, 206

■ 145, 172, 206

■ 227, 211, 206

■ 124, 161, 206

■ 248, 216, 206

■ 104, 150, 206

■ 255, 220, 206

■ 83, 138, 206

■ 255, 228, 206

■ 62, 127, 206

■ 255, 237, 206

■ 42, 116, 206

■ 255, 249, 206

■ 21, 104, 206

■ 249, 255, 206

■ 1, 93, 206

■ 237, 255, 206

Harmonies

Analogous

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



186, 195, 203



186, 195, 206



189, 197, 210

Triad

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



186, 195, 206



208, 196, 204



193, 203, 188

Complementary

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



186, 195, 206



206, 191, 186

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.



208, 206, 189



186, 195, 206



212, 196, 198

Square

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



186, 195, 206



202, 197, 208



212, 197, 193



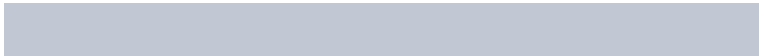
190, 201, 195

Rectangle

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



186, 195, 206



193, 198, 211



212, 197, 193



197, 205, 188

Sweetspot

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



186, 195, 206



247, 251, 255



186, 203, 206



122, 125, 128



0, 0, 0



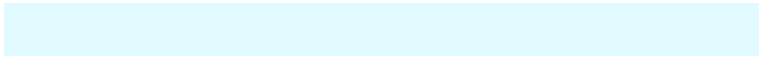
128, 128, 128

Same Dimension

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



186, 195, 206



224, 238, 255



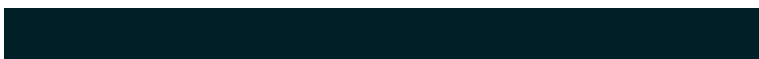
186, 191, 206



92, 96, 102



0, 75, 166



0, 17, 38

Inverse Universe

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



206, 186, 202



255, 224, 249



197, 206, 186



102, 92, 100



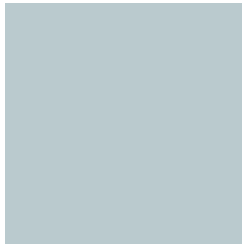
166, 0, 136



38, 0, 31

Previews

White Background



This preview shows how the RYB color 186, 195, 206 looks on a white background.

Color Contrast Check

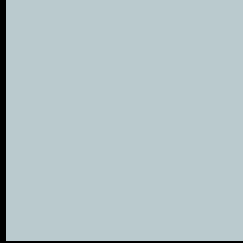
Large Text (above 18pt) WCAG AA × Fail

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 186, 195, 206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

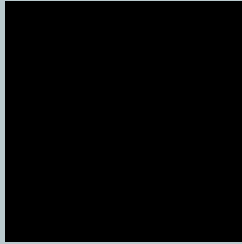
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

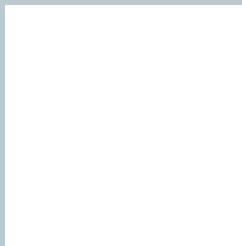
Any Text WCAG AAA ✓ Pass

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

R/Y/B 186, 195, 206 Background



This preview shows how black text looks on a background with the R/Y/B color 186, 195, 206.



This preview shows how white text looks on a background with the R/Y/B color 186, 195, 206.

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
188, 197, 217

Trichromacy



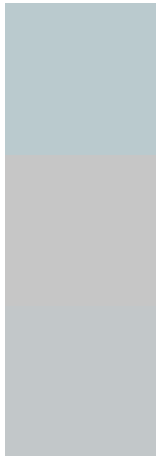
Original Color
186, 195, 206

Protanomaly
196, 199, 204

Deuteranomaly
204, 196, 207

Tritanomaly
187, 196, 213

Monochromacy



Original Color
186, 195, 206

Achromatopsia
198, 198, 198

Achromatomaly
194, 197, 201

CSS Examples

Text

The CSS property to change the color of the text to RYB 186, 195, 206 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(186, 202, 206) looks like.

```
.text, #text, p{  
    color:rgb(186, 202, 206)  
}
```

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(186, 202, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 202, 206) }
```

Border

The CSS property to change the border of an element to RYB 186, 195, 206 is called "border". The border property can be set on classes, ids or directly on the HTML element.

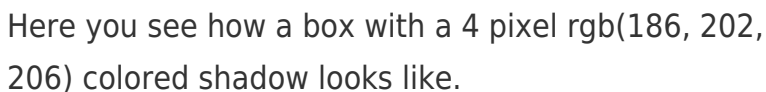
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 202, 206) }
```

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

```
.border{ border-color:rgb(186, 202, 206) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 202, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 202, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 202, 206);  
box-shadow:4px 4px 4px 4px rgb(186, 202,  
206) }
```

Background

The CSS property to change the background color of an element to RYB 186, 195, 206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 202, 206) }
```

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

```
.background{ background-color: rgb(186,  
202, 206) }
```

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