

Converting Colors

RGB(187, 187, 213)

Have a look what the booklet for
RGB(187, 187, 213) contains.

RGB(187, 187, 213)	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

RGB(187, 187, 213)

Conversions

Conversions Part 1

Format	Color
Hex	BBBBD5
RGB	187, 187, 213
RGB Percent	73%, 73%, 84%
CMY	0.2667, 0.2667, 0.1647
CMYK	0.12, 0.12, 0.00, 0.16
HSL	240°, 24%, 78%
HSV	240°, 12%, 84%
XYZ	50.2741, 50.9095, 70.1276
YIQ	189.9640, -8.3460, 8.0860

Conversions

Conversions Part 2

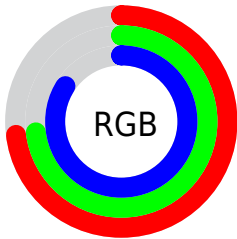
Format	Color
RYB	187, 187, 213
Decimal	12303317
CIELab	76.62, 5.12, -13.02
CIELCh	77, 13.993, 291.469
Yxy	50.9095, 0.2935, 0.2972
Android (android.graphics.Color)	4290493397 (0xFFBBBBD5)
YUV	189.9640, 11.3567, -2.5994
Hunter-Lab	71.3509, 0.9075, -8.3278

Details

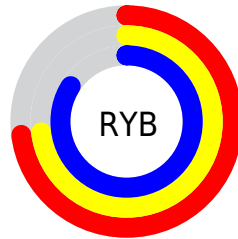
The RGB color **187, 187, 213** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **213, 213, 187**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **243, 243, 255**, and **134, 134, 158** is the 20% darker color. If you saturate the color by 10%, you get **166, 166, 213**, and if you desaturate by 10%, it is **208, 208, 213**.

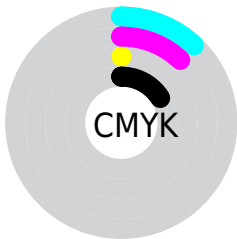
Distribution



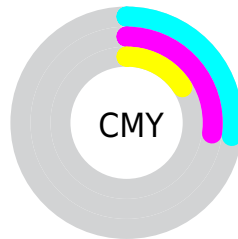
- Red (73%)
- Green (73%)
- Blue (84%)



- Red (73%)
- Yellow (73%)
- Blue (84%)



- Cyan (12%)
- Magenta (12%)
- Yellow (0%)
- Black (16%)



- Cyan (27%)
- Magenta (27%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 187, 187, 213 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 RGB color 187, 187, 213 by changing the saturation by 10% instead.

■ 187, 187, 213

255, 255, 255

■ 243, 243, 255

■ 187, 187, 213

■ 160, 160, 185

■ 134, 134, 158

■ 108, 109, 132

■ 84, 84, 107

■ 60, 61, 83

■ 38, 40, 60


■ 17, 19, 38

■ 0, 1, 16

■ 0, 0, 0

 187, 187, 213

 187, 187, 213

 166, 166, 213


 208, 208, 213

 144, 144, 213

 230, 230, 213

 123, 123, 213

 251, 251, 213


 102, 102, 213


 255, 255, 213

 80, 80, 213

 59, 59, 213

 38, 38, 213

 17, 17, 213

 0, 0, 213

Harmonies

Analogous

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



171, 191, 214



187, 187, 213



202, 183, 205

Triad

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



187, 187, 213



213, 183, 169



162, 197, 185

Complementary

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



187, 187, 213



213, 213, 187

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.



175, 195, 173



187, 187, 213



203, 187, 164

Square

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



187, 187, 213



217, 181, 180



189, 191, 165



156, 197, 198

Rectangle

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



187, 187, 213



210, 181, 198



189, 191, 165



166, 196, 180

Sweetspot

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



187, 187, 213



245, 245, 255



187, 213, 213



121, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



187, 187, 213



217, 217, 255



200, 187, 213



96, 96, 107



0, 0, 171



0, 0, 43

Inverse Universe

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



213, 187, 213



255, 217, 255



200, 213, 187



107, 96, 107



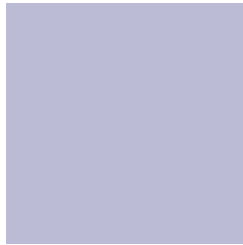
171, 0, 171



43, 0, 43

Previews

White Background



This preview shows how the RGB color 187, 187, 213 looks on a white background.

Color Contrast Check

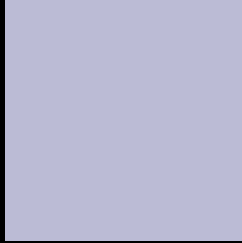
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 187, 187, 213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

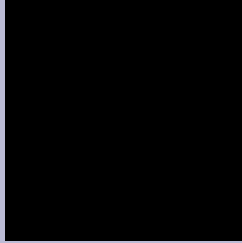
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

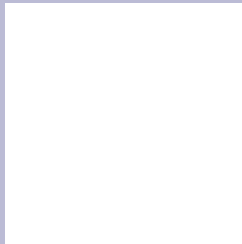
Any Text WCAG AAA ✓ Pass

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

RGB 187, 187, 213 Background



This preview shows how black text looks on a background with the RGB color 187, 187, 213.



This preview shows how white text looks on a background with the RGB color 187, 187, 213.

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](#).

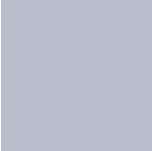
Dichromacy



Original Color
187, 187, 213

Protanopia
185, 188, 213

Deuteranopia
196, 184, 214



Tritanopia
185, 189, 204

Trichromacy



Original Color
187, 187, 213

Protanomaly
186, 188, 213

Deuteranomaly
193, 185, 214

Tritanomaly
186, 188, 207

Monochromacy



Original Color
187, 187, 213

Achromatopsia
190, 190, 190

Achromatomaly
189, 189, 198

CSS Examples

Text

The CSS property to change the color of the text to RGB 187, 187, 213 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(187, 187, 213)` looks like.

```
.text, #text, p{  
    color:rgb(187, 187, 213)  
}
```

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(187, 187, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 187, 213) }
```

Border

The CSS property to change the border of an element to RGB 187, 187, 213 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(187, 187, 213) }
```

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

```
.border{ border-color:rgb(187, 187, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 187, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 187, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 187, 213);  
box-shadow:4px 4px 4px 4px rgb(187, 187,  
213) }
```

Background

The CSS property to change the background color of an element to RGB 187, 187, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 187, 213) }
```

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

```
.background{ background-color: rgb(187,  
187, 213) }
```

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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