

Converting Colors

RGB(193, 186, 215)

Have a look what the booklet for
RGB(193, 186, 215) contains.

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Color

RGB(193, 186, 215)

Conversions

Conversions Part 1

Format	Color
Hex	C1BAD7
RGB	193, 186, 215
RGB Percent	76%, 73%, 84%
CMY	0.2431, 0.2706, 0.1569
CMYK	0.10, 0.13, 0.00, 0.16
HSL	254°, 27%, 79%
HSV	254°, 13%, 84%
XYZ	51.8170, 51.3616, 71.4727
YIQ	191.3990, -5.1370, 10.5030

Conversions

Conversions Part 2

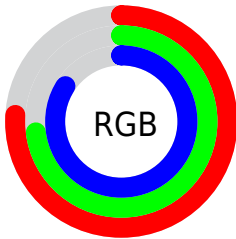
Format	Color
R_{YB}	193, 186, 215
Decimal	12696279
CIE _{Lab}	76.90, 8.04, -13.65
CIE _{LCh}	77, 15.839, 300.496
Yxy	51.3616, 0.2967, 0.2941
Android (android.graphics.Color)	4290886359 (0xFFC1BAD7)
YUV	191.3990, 11.6353, 1.4041
Hunter-Lab	71.6670, 3.6426, -8.9624

Details

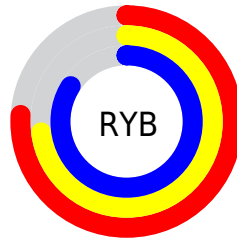
The RGB color **193, 186, 215** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **208, 215, 186**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **250, 242, 255**, and **139, 133, 160** is the 20% darker color. If you saturate the color by 10%, you get **177, 165, 215**, and if you desaturate by 10%, it is **209, 208, 215**.

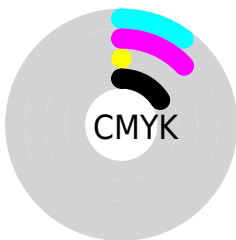
Distribution



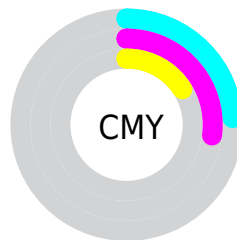
- Red (76%)
- Green (73%)
- Blue (84%)



- Red (76%)
- Yellow (73%)
- Blue (84%)



- Cyan (10%)
- Magenta (13%)
- Yellow (0%)
- Black (16%)



- Cyan (24%)
- Magenta (27%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 193, 186, 215 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 193, 186, 215 by changing the saturation by 10% instead.

■ 193, 186, 215

255, 255, 255

■ 250, 242, 255

■ 193, 186, 215

■ 166, 159, 187

■ 139, 133, 160

■ 114, 108, 134

■ 89, 83, 109

■ 65, 60, 84

■ 43, 39, 61


■ 22, 18, 39

■ 0, 1, 18


■ 0, 0, 0

 193, 186, 215


 193, 186, 215

 177, 165, 215

 209, 208, 215

 160, 143, 215


 226, 229, 215

 144, 122, 215

 242, 251, 215

 128, 100, 215

 255, 255, 215

 111, 78, 215

 95, 57, 215

 79, 36, 215

 63, 14, 215

 52, 0, 215

Harmonies

Analogous

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



174, 191, 219



193, 186, 215



209, 182, 204

Triad

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



193, 186, 215



214, 184, 165



156, 198, 190

Complementary

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



193, 186, 215



208, 215, 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.



169, 197, 175



193, 186, 215



201, 189, 161

Square

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



193, 186, 215



221, 181, 176



185, 193, 164



152, 198, 204

Rectangle

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



193, 186, 215



217, 180, 195



185, 193, 164



159, 198, 184

Sweetspot

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



193, 186, 215



247, 245, 255



186, 208, 215



123, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



193, 186, 215



224, 214, 255



207, 186, 215



99, 96, 107



41, 0, 171



10, 0, 43

Inverse Universe

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



215, 186, 208



255, 214, 245



194, 215, 186



107, 96, 105



171, 0, 130



43, 0, 33

Previews

White Background



This preview shows how the RGB color 193, 186, 215 looks on a white background.

Color Contrast Check

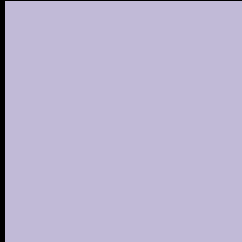
Large Text (above 18pt) WCAG AA × Fail

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 193, 186, 215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

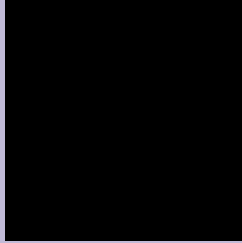
Any Text WCAG AA ✓ Pass

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 193, 186, 215 Background



This preview shows how black text looks on a background with the RGB color 193, 186, 215.



This preview shows how white text looks on a background with the RGB color 193, 186, 215.

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
193, 186, 215

Protanopia
185, 188, 216

Deuteranopia
196, 185, 215



Tritanopia
191, 188, 203

Trichromacy



Original Color
193, 186, 215

Protanomaly
188, 187, 216

Deuteranomaly
195, 185, 215

Tritanomaly
192, 187, 207

Monochromacy



Original Color
193, 186, 215

Achromatopsia
191, 191, 191

Achromatomaly
192, 189, 200

CSS Examples

Text

The CSS property to change the color of the text to RGB 193, 186, 215 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(193, 186, 215)` looks like.

```
.text, #text, p{  
    color:rgb(193, 186, 215)  
}
```

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(193, 186, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 186, 215) }
```

Border

The CSS property to change the border of an element to RGB 193, 186, 215 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(193, 186, 215) }
```

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

```
.border{ border-color:rgb(193, 186, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 186, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 186, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 186, 215);  
box-shadow:4px 4px 4px 4px rgb(193, 186,  
215) }
```

Background

The CSS property to change the background color of an element to RGB 193, 186, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 186, 215) }
```

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

```
.background{ background-color: rgb(193,  
186, 215) }
```

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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