

Converting Colors

RGB(187, 181, 225)

Have a look what the booklet for
RGB(187, 181, 225) contains.

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Color

RGB(187, 181, 225)

Conversions

Conversions Part 1

Format	Color
Hex	BBB5E1
RGB	187, 181, 225
RGB Percent	73%, 71%, 88%
CMY	0.2667, 0.2902, 0.1176
CMYK	0.17, 0.20, 0.00, 0.12
HSL	248°, 42%, 80%
HSV	248°, 20%, 88%
XYZ	50.6080, 49.0488, 78.0342
YIQ	187.8100, -10.5480, 14.9560

Conversions

Conversions Part 2

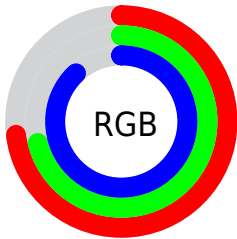
Format	Color
R_{YB}	187, 181, 225
Decimal	12301793
CIE _{Lab}	75.48, 10.94, -21.25
CIE _{LCh}	75, 23.903, 297.235
Yxy	49.0488, 0.2848, 0.2760
Android (android.graphics.Color)	4290491873 (0xFFBBB5E1)
YUV	187.8100, 18.3347, -0.7104
Hunter-Lab	70.0348, 6.4252, -17.0377

Details

The RGB color **187, 181, 225** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **219, 225, 181**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **244, 237, 255**, and **133, 128, 170** is the 20% darker color. If you saturate the color by 10%, you get **168, 159, 225**, and if you desaturate by 10%, it is **206, 204, 225**.

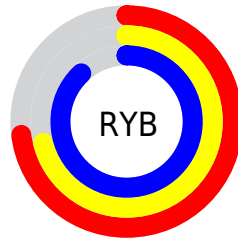
Distribution



Red (73%)

Green (71%)

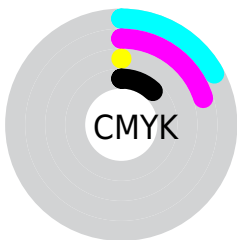
Blue (88%)



Red (73%)

Yellow (71%)

Blue (88%)

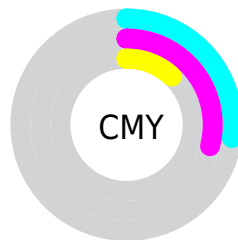


Cyan (17%)

Magenta (20%)

Yellow (0%)

Black (12%)



Cyan (27%)

Magenta (29%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RGB color 187, 181, 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 RGB color 187, 181, 225 by changing the saturation by 10% instead.

■ 187, 181, 225

255, 255, 255

■ 244, 237, 255

■ 187, 181, 225

■ 160, 154, 197

■ 133, 128, 170

■ 108, 103, 143

■ 83, 79, 117


■ 59, 56, 93

■ 36, 35, 69


■ 14, 14, 46

■ 0, 1, 25

■ 0, 0, 0

 187, 181, 225


 187, 181, 225

 168, 159, 225

 206, 204, 225

 148, 136, 225


 226, 226, 225

 129, 114, 225

 245, 249, 225

 109, 91, 225


 255, 255, 225

 90, 69, 225

 70, 46, 225

 51, 24, 225

 32, 1, 225

 31, 0, 225

Harmonies

Analogous

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



157, 189, 229



187, 181, 225



213, 174, 210

Triad

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



187, 181, 225



222, 177, 150



134, 198, 183

Complementary

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



187, 181, 225



219, 225, 181

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.



156, 196, 161



187, 181, 225



205, 184, 142

Square

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



187, 181, 225



231, 171, 167



181, 191, 146



123, 198, 205

Rectangle

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



187, 181, 225



224, 171, 196



181, 191, 146



140, 198, 175

Sweetspot

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



187, 181, 225



242, 240, 255



181, 219, 225



120, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



187, 181, 225



204, 196, 255



209, 181, 225



103, 101, 112



24, 0, 176



7, 0, 48

Inverse Universe

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



225, 181, 219



255, 196, 247



197, 225, 181



112, 101, 111



176, 0, 152



48, 0, 42

Previews

White Background



This preview shows how the RGB color 187, 181, 225 looks on a white background.

Color Contrast Check

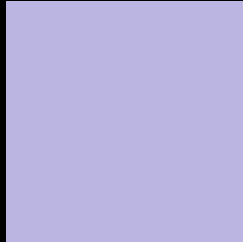
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 187, 181, 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](#).

RGB 187, 181, 225 Background



This preview shows how black text looks on a background with the RGB color 187, 181, 225.



This preview shows how white text looks on a background with the RGB color 187, 181, 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



Original Color
187, 181, 225

Protanopia
176, 184, 227

Deuteranopia
185, 182, 225



Tritanopia
183, 185, 200

Trichromacy



Original Color
187, 181, 225

Protanomaly
180, 183, 226

Deuteranomaly
186, 182, 225

Tritanomaly
184, 184, 209

Monochromacy



Original Color
187, 181, 225

Achromatopsia
188, 188, 188

Achromatomaly
188, 185, 201

CSS Examples

Text

The CSS property to change the color of the text to RGB 187, 181, 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(187, 181, 225)` looks like.

```
.text, #text, p{  
    color:rgb(187, 181, 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(187, 181, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 181, 225) }
```

Border

The CSS property to change the border of an element to RGB 187, 181, 225 is called "border". The border property can be set on classes, ids or directly on the HTML element.

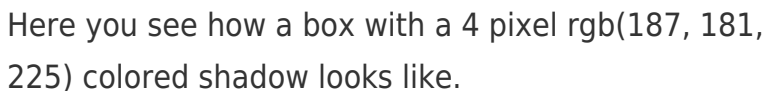
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 181, 225) }
```

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

```
.border{ border-color:rgb(187, 181, 225) }
```

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



Here you see how a box with a 4 pixel rgb(187, 181, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 181, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 181, 225);  
box-shadow:4px 4px 4px 4px rgb(187, 181,  
225) }
```

Background

The CSS property to change the background color of an element to RGB 187, 181, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 181, 225) }
```

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

```
.background{ background-color: rgb(187,  
181, 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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