

Converting Colors

RGB(187, 146, 133)

Have a look what the booklet for
RGB(187, 146, 133) contains.

RGB(187, 146, 133)	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, 146, 133)

Conversions

Conversions Part 1

Format	Color
Hex	BB9285
RGB	187, 146, 133
RGB Percent	73%, 57%, 52%
CMY	0.2667, 0.4275, 0.4784
CMYK	0.00, 0.22, 0.29, 0.27
HSL	14°, 28%, 63%
HSV	14°, 29%, 73%
XYZ	35.0060, 32.8160, 26.6794
YIQ	156.7770, 28.6090, 4.6490

Conversions

Conversions Part 2

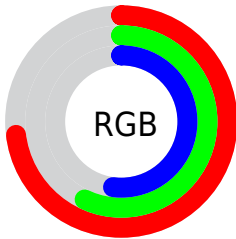
Format	Color
RYB	187, 150, 133
Decimal	12292741
CIELab	64.01, 13.53, 12.80
CIELCh	64, 18.622, 43.422
Yxy	32.8160, 0.3704, 0.3473
Android (android.graphics.Color)	4290482821 (0xFFBB9285)
YUV	156.7770, -11.7221, 26.5056
Hunter-Lab	57.2853, 8.8291, 12.4866

Details

The RGB color **187, 146, 133** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **133, 174, 187**, and the grayscale version is **157, 157, 157**.

A 20% lighter version of the original color is **244, 200, 186**, and **133, 95, 83** is the 20% darker color. If you saturate the color by 10%, you get **187, 132, 114**, and if you desaturate by 10%, it is **187, 160, 152**.

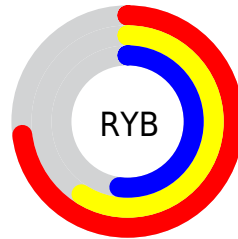
Distribution



Red (73%)

Green (57%)

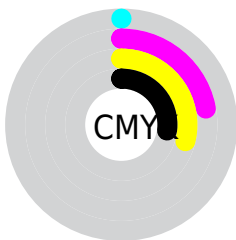
Blue (52%)



Red (73%)

Yellow (59%)

Blue (52%)

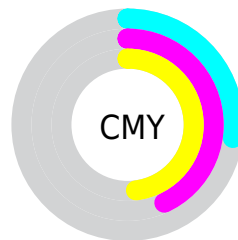


Cyan (0%)

Magenta (22%)

Yellow (29%)

Black (27%)



Cyan (27%)

Magenta (43%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RGB color 187, 146, 133 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, 146, 133 by changing the saturation by 10% instead.

 187, 146, 133


255, 255, 255

 244, 200, 186

 255, 228, 214

 255, 255, 242

 187, 146, 133

 160, 120, 108

 133, 95, 83

 107, 72, 60


 82, 49, 39


 57, 28, 18


 36, 3, 0

 0, 0, 0


 187, 146, 133

 187, 132, 114


 187, 146, 133

 187, 160, 152

 187, 118, 96

 187, 174, 170

 187, 103, 77

 187, 189, 189

 187, 89, 58

 187, 203, 208

 187, 75, 40

 187, 217, 227

 187, 61, 21

 187, 231, 245

 187, 47, 2

 187, 245, 255

 187, 45, 0

 187, 255, 255

Harmonies

Analogous

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



190, 143, 148



187, 146, 133



176, 151, 124

Triad

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



187, 146, 133



123, 164, 145



146, 154, 187

Complementary

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



187, 146, 133



133, 174, 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.



125, 159, 186



187, 146, 133



111, 165, 162

Square

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



187, 146, 133



141, 161, 131



111, 163, 177



167, 148, 179

Rectangle

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



187, 146, 133



166, 155, 122



111, 163, 177



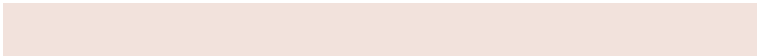
138, 156, 188

Sweetspot

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



187, 146, 133



242, 226, 220



187, 133, 174



122, 112, 109



250, 250, 250



122, 122, 122

Same Dimension

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



187, 146, 133



242, 178, 157



187, 173, 133



94, 87, 85



158, 38, 0



31, 7, 0

Inverse Universe

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



133, 174, 187



157, 222, 242



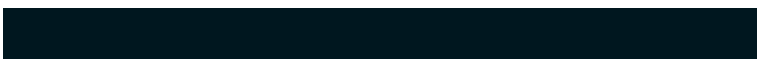
133, 147, 187



85, 92, 94



0, 120, 158



0, 23, 31

Previews

White Background



This preview shows how the RGB color 187, 146, 133 looks on a white background.

Color Contrast Check

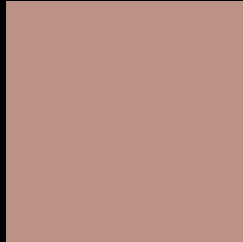
Large Text (above 18pt) WCAG AA × Fail

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, 146, 133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

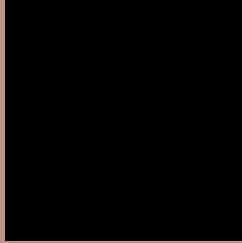
Any Text WCAG AA ✓ Pass

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, 146, 133 Background



This preview shows how black text looks on a background with the RGB color 187, 146, 133.



This preview shows how white text looks on a background with the RGB color 187, 146, 133.

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, 146, 133

Protanopia
162, 155, 138

Deuteranopia
179, 149, 132



Tritanopia
189, 143, 154

Trichromacy



Original Color
187, 146, 133

Protanomaly
171, 152, 136

Deuteranomaly
182, 148, 132

Tritanomaly
188, 144, 146

Monochromacy



Original Color
187, 146, 133

Achromatopsia
157, 157, 157

Achromatomaly
168, 153, 148

CSS Examples

Text

The CSS property to change the color of the text to RGB 187, 146, 133 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, 146, 133)` looks like.

```
.text, #text, p{  
    color:rgb(187, 146, 133)  
}
```

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, 146, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 146, 133) }
```

Border

The CSS property to change the border of an element to RGB 187, 146, 133 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, 146, 133) }
```

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

```
.border{ border-color:rgb(187, 146, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 146, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 146, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 146, 133);  
box-shadow:4px 4px 4px 4px rgb(187, 146,  
133) }
```

Background

The CSS property to change the background color of an element to RGB 187, 146, 133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 146, 133) }
```

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

```
.background{ background-color: rgb(187,  
146, 133) }
```

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