

Converting Colors

RGB(130, 123, 113)

Have a look what the booklet for
RGB(130, 123, 113) contains.

RGB(130, 123, 113)	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(130, 123, 113)

Conversions

Conversions Part 1

Format	Color
Hex	827B71
RGB	130, 123, 113
RGB Percent	51%, 48%, 44%
CMY	0.4902, 0.5176, 0.5569
CMYK	0.00, 0.05, 0.13, 0.49
HSL	35°, 7%, 48%
HSV	35°, 13%, 51%
XYZ	19.2695, 20.1040, 18.4876
YIQ	123.9530, 7.3820, -1.6260

Conversions

Conversions Part 2

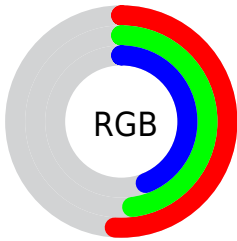
Format	Color
R_{YB}	125, 130, 113
Decimal	8551281
CIE Lab	51.95, 0.82, 6.41
CIE LCh	52, 6.467, 82.700
Yxy	20.1040, 0.3330, 0.3475
Android (android.graphics.Color)	4286741361 (0xFF827B71)
YUV	123.9530, -5.3998, 5.3032
Hunter-Lab	44.8375, -1.7528, 6.9395

Details

The RGB color **130, 123, 113** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **113, 120, 130**, and the grayscale version is **124, 124, 124**.

A 20% lighter version of the original color is **183, 175, 165**, and **81, 74, 65** is the 20% darker color. If you saturate the color by 10%, you get **130, 118, 100**, and if you desaturate by 10%, it is **130, 128, 126**.

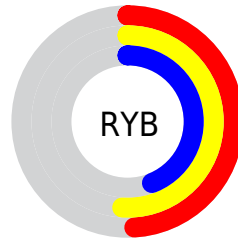
Distribution



Red (51%)

Green (48%)

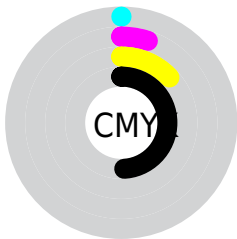
Blue (44%)



Red (49%)

Yellow (51%)

Blue (44%)

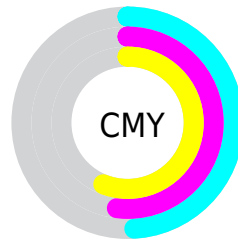


Cyan (0%)

Magenta (5%)

Yellow (13%)

Black (49%)



Cyan (49%)

Magenta (52%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RGB color 130, 123, 113 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 130, 123, 113 by changing the saturation by 10% instead.

■ 130, 123, 113

255, 255, 255

■ 183, 175, 165

■ 211, 203, 192

■ 239, 231, 220

■ 255, 255, 248

■ 130, 123, 113

■ 130, 118, 100

■ 130, 112, 87

■ 130, 123, 113

■ 105, 98, 89

■ 81, 74, 65

■ 58, 52, 43

■ 36, 31, 23

■ 13, 6, 0

■ 0, 0, 0

■ 130, 123, 113

■ 130, 128, 126

■ 130, 134, 139

■ 130, 107, 74

■ 130, 139, 152

■ 130, 102, 61

■ 130, 144, 165

■ 130, 96, 48

■ 130, 150, 178

■ 130, 91, 35

■ 130, 155, 191

■ 130, 86, 22

■ 130, 160, 204

■ 130, 80, 9

■ 130, 166, 217

■ 130, 76, 0

■ 130, 171, 230

Harmonies

Analogous

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



134, 121, 115



130, 123, 113



124, 125, 114

Triad

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



130, 123, 113



110, 127, 128



130, 121, 131

Complementary

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



130, 123, 113



113, 120, 130

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.



123, 123, 134



130, 123, 113



112, 126, 132

Square

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



130, 123, 113



112, 127, 122



117, 125, 135



134, 120, 125

Rectangle

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



130, 123, 113



120, 126, 116



117, 125, 135



128, 122, 132

Sweetspot

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



130, 123, 113



168, 166, 162



130, 113, 120



84, 82, 80



212, 212, 212



84, 84, 84

Same Dimension

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



130, 123, 113



168, 157, 141



129, 130, 113



64, 61, 57



128, 75, 0



0, 0, 0

Inverse Universe

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



113, 120, 130



141, 152, 168



114, 113, 130



57, 60, 64



0, 52, 128



0, 0, 0

Previews

White Background



This preview shows how the RGB color 130, 123, 113 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 130, 123, 113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

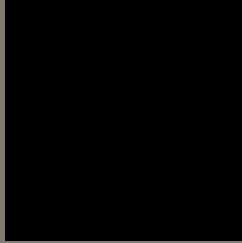
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

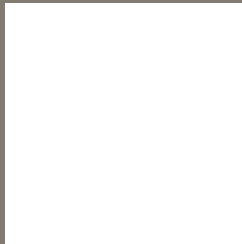
Any Text WCAG AAA × Fail

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

RGB 130, 123, 113 Background



This preview shows how black text looks on a background with the RGB color 130, 123, 113.



This preview shows how white text looks on a background with the RGB color 130, 123, 113.

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
[130](#), [123](#), [113](#)

Protanopia
[129](#), [123](#), [113](#)

Deuteranopia
[140](#), [120](#), [114](#)



Tritanopia
132, 120, 130

Trichromacy



Original Color

130, 123, 113

Protanomaly

129, 123, 113

Deuteranomaly

136, 121, 114

Tritanomaly

131, 121, 124

Monochromacy



Original Color

130, 123, 113

Achromatopsia

124, 124, 124

Achromatomaly

126, 124, 120

CSS Examples

Text

The CSS property to change the color of the text to RGB 130, 123, 113 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(130, 123, 113) looks like.

```
.text, #text, p{  
    color:rgb(130, 123, 113)  
}
```

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(130, 123, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 123, 113) }
```

Border

The CSS property to change the border of an element to RGB 130, 123, 113 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(130, 123, 113) }
```

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

```
.border{ border-color:rgb(130, 123, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 123, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 123, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 123, 113);  
box-shadow:4px 4px 4px 4px rgb(130, 123,  
113) }
```

Background

The CSS property to change the background color of an element to RGB 130, 123, 113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 123, 113) }
```

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

```
.background{ background-color: rgb(130,  
123, 113) }
```

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