

Converting Colors

RGB(100, 130, 120)

Have a look what the booklet for
RGB(100, 130, 120) contains.

RGB(100, 130, 120)	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(100, 130, 120)

Conversions

Conversions Part 1	
Format	Color
Hex	648278
RGB	100, 130, 120
RGB Percent	39%, 51%, 47%
CMY	0.6078, 0.4902, 0.5294
CMYK	0.23, 0.00, 0.08, 0.49
HSL	160°, 13%, 45%
HSV	160°, 23%, 51%
XYZ	16.6283, 20.0307, 20.7592
YIQ	119.8900, -14.6700, -9.4700

Conversions

Conversions Part 2

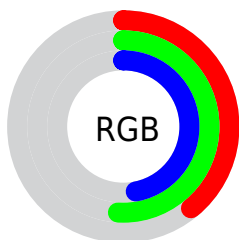
Format	Color
RYB	100, 118, 130
Decimal	6587000
CIELab	51.87, -12.91, 1.91
CIELCh	52, 13.047, 171.581
Yxy	20.0307, 0.2896, 0.3489
Android (android.graphics.Color)	4284777080 (0xFF648278)
YUV	119.8900, 0.0542, -17.4435
Hunter-Lab	44.7556, -12.0031, 3.8282

Details

The RGB color **100, 130, 120** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **130, 100, 110**, and the grayscale version is **120, 120, 120**.

A 20% lighter version of the original color is **151, 183, 172**, and **52, 81, 72** is the 20% darker color. If you saturate the color by 10%, you get **87, 130, 116**, and if you desaturate by 10%, it is **113, 130, 124**.

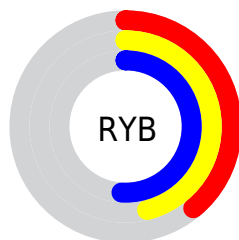
Distribution



Red (39%)

Green (51%)

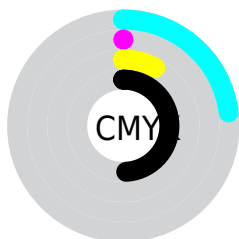
Blue (47%)



Red (39%)

Yellow (46%)

Blue (51%)

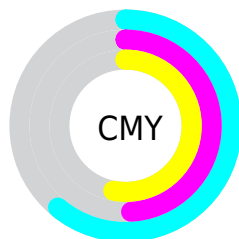


Cyan (23%)

Magenta (0%)

Yellow (8%)

Black (49%)



Cyan (61%)

Magenta (49%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RGB color 100, 130, 120 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 100, 130, 120 by changing the saturation by 10% instead.

 100, 130, 120

255, 255, 255


 151, 183, 172

 178, 211, 200

 206, 239, 228

 234, 255, 255


 100, 130, 120

 76, 105, 95


 52, 81, 72


 30, 58, 49


 8, 36, 28

 0, 13, 2

 0, 0, 0

 100, 130, 120


 87, 130, 116

 74, 130, 111


 100, 130, 120


 113, 130, 124

 126, 130, 129

 61, 130, 107


 139, 130, 133

 48, 130, 103


 152, 130, 137


 35, 130, 98


 165, 130, 142


 22, 130, 94

 178, 130, 146

 9, 130, 90

 191, 130, 150

 0, 130, 87

 204, 130, 155

 217, 130, 159

Harmonies

Analogous

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



111, 128, 110



100, 130, 120



94, 130, 131

Triad

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



100, 130, 120



122, 122, 144



144, 118, 107

Complementary

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



100, 130, 120



130, 100, 110

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.



147, 116, 116



100, 130, 120



135, 118, 138

Square

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



100, 130, 120



107, 126, 145



144, 116, 127



136, 122, 102

Rectangle

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



100, 130, 120



95, 129, 138



144, 116, 127



146, 117, 109

Sweetspot

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



100, 130, 120



157, 168, 164



110, 130, 100



77, 84, 82



212, 212, 212



84, 84, 84

Same Dimension

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



100, 130, 120



121, 168, 153



100, 125, 130



57, 64, 62



0, 128, 85



0, 0, 0

Inverse Universe

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



130, 100, 110



168, 121, 137



130, 105, 100



64, 57, 60



128, 0, 43



0, 0, 0

Previews

White Background



This preview shows how the RGB color 100, 130, 120 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 100, 130, 120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

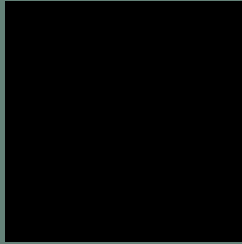
Any Text WCAG AA ✓ Pass

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 100, 130, 120 Background



This preview shows how black text looks on a background with the RGB color 100, 130, 120.

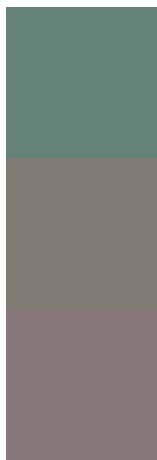


This preview shows how white text looks on a background with the RGB color 100, 130, 120.

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

100, 130, 120

Protanopia

127, 123, 116

Deuteranopia



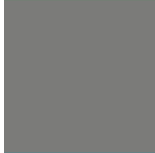

136, 119, 122






Tritanopia

103, 127, 138

Trichromacy

	Original Color 100, 130, 120
	Protanomaly 117, 126, 117
	Deuteranomaly 123, 123, 121
	Tritanomaly 102, 128, 131

Monochromacy

	Original Color 100, 130, 120
	Achromatopsia 120, 120, 120
	Achromatomaly 113, 124, 120

CSS Examples

Text

The CSS property to change the color of the text to RGB 100, 130, 120 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(100, 130, 120)` looks like.

```
.text, #text, p{  
    color:rgb(100, 130, 120)  
}
```

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(100, 130, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 130, 120) }
```

Border

The CSS property to change the border of an element to RGB 100, 130, 120 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(100, 130, 120) }
```

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

```
.border{ border-color:rgb(100, 130, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 130, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 130, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 130, 120);  
box-shadow:4px 4px 4px 4px rgb(100, 130,  
120) }
```

Background

The CSS property to change the background color of an element to RGB 100, 130, 120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 130, 120) }
```

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

```
.background{ background-color: rgb(100,  
130, 120) }
```

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