

Converting Colors

RGB(120, 157, 80)

Have a look what the booklet for
RGB(120, 157, 80) contains.

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Color

RGB(120, 157, 80)

Conversions

Conversions Part 1

Format	Color
Hex	789D50
RGB	120, 157, 80
RGB Percent	47%, 62%, 31%
CMY	0.5294, 0.3843, 0.6863
CMYK	0.24, 0.00, 0.49, 0.38
HSL	89°, 32%, 46%
HSV	89°, 49%, 62%
XYZ	21.2507, 28.6862, 12.0064
YIQ	137.1590, 2.6650, -31.7910

Conversions

Conversions Part 2

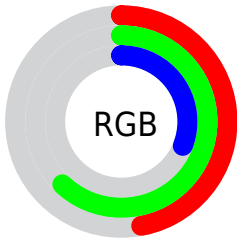
Format	Color
R_{YB}	80, 157, 117
Decimal	7904592
CIE _{Lab}	60.50, -26.29, 36.00
CIE _{LCh}	61, 44.574, 126.140
Yxy	28.6862, 0.3431, 0.4631
Android (android.graphics.Color)	4286094672 (0xFF789D50)
YUV	137.1590, -28.1794, -15.0484
Hunter-Lab	53.5595, -22.9061, 24.2007

Details

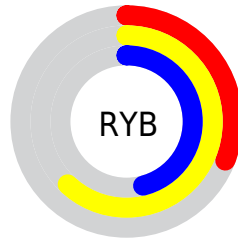
The RGB color **120, 157, 80** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **117, 80, 157**, and the grayscale version is **137, 137, 137**.

A 20% lighter version of the original color is **174, 212, 131**, and **69, 105, 32** is the 20% darker color. If you saturate the color by 10%, you get **112, 157, 64**, and if you desaturate by 10%, it is **128, 157, 96**.

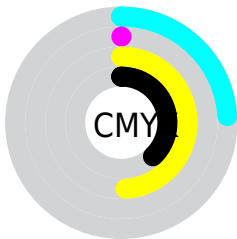
Distribution



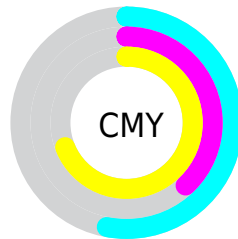
- Red (47%)
- Green (62%)
- Blue (31%)



- Red (31%)
- Yellow (62%)
- Blue (46%)



- Cyan (24%)
- Magenta (0%)
- Yellow (49%)
- Black (38%)





- Cyan (53%)
- Magenta (38%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the RGB color 120, 157, 80 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 120, 157, 80 by changing the saturation by 10% instead.

 120, 157, 80

 120, 157, 80

255, 255, 255

 94, 131, 56


 174, 212, 131

 69, 105, 32

 202, 240, 157

 44, 81, 5

 230, 255, 185

 21, 58, 0


 255, 255, 213

 0, 36, 0

 255, 255, 241

 0, 3, 0

 0, 0, 0

 120, 157, 80

 120, 157, 80

 112, 157, 64

 128, 157, 96

■ 105, 157, 49

■ 135, 157, 111

■ 97, 157, 33

■ 143, 157, 127

■ 90, 157, 17

■ 150, 157, 143

■ 82, 157, 1

■ 158, 157, 159

■ 82, 157, 0

■ 165, 157, 174

■ 173, 157, 190

■ 180, 157, 206

■ 188, 157, 221

Harmonies

Analogous

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



162, 146, 65



120, 157, 80



65, 163, 113

Triad

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



120, 157, 80



0, 158, 217



219, 113, 139

Complementary

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



120, 157, 80



117, 80, 157

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.



201, 118, 178



120, 157, 80



93, 147, 224

Square

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



120, 157, 80



0, 164, 191



160, 132, 210



216, 119, 102

Rectangle

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



120, 157, 80



0, 166, 139



160, 132, 210



216, 113, 153

Sweetspot

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



120, 157, 80



189, 204, 173



157, 116, 80



93, 102, 84



230, 230, 230



102, 102, 102

Same Dimension

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



120, 157, 80



146, 204, 84



83, 157, 80



75, 79, 71



74, 143, 0



8, 15, 0

Inverse Universe

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



117, 80, 157



141, 84, 204



154, 80, 157



75, 71, 79



69, 0, 143



7, 0, 15

Previews

White Background



This preview shows how the RGB color 120, 157, 80 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 120, 157, 80 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 120, 157, 80 Background



This preview shows how black text looks on a background with the RGB color 120, 157, 80.

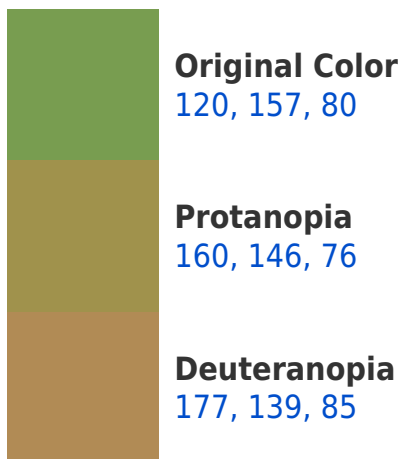


This preview shows how white text looks on a background with the RGB color 120, 157, 80.

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





Tritanopia
131, 148, 160

Trichromacy



Original Color
120, 157, 80

Protanomaly
145, 150, 77

Deuteranomaly
156, 146, 83

Tritanomaly
127, 151, 131

Monochromacy



Original Color
120, 157, 80

Achromatopsia
137, 137, 137

Achromatomaly
131, 144, 116

CSS Examples

Text

The CSS property to change the color of the text to RGB 120, 157, 80 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(120, 157, 80)` looks like.

```
.text, #text, p{  
    color:rgb(120, 157, 80)  
}
```

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(120, 157, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 157, 80) }
```

Border

The CSS property to change the border of an element to RGB 120, 157, 80 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(120, 157, 80) }
```

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

```
.border{ border-color:rgb(120, 157, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 157, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 157, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 157, 80);  
box-shadow:4px 4px 4px 4px rgb(120, 157,  
80) }
```

Background

The CSS property to change the background color of an element to RGB 120, 157, 80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 157, 80) }
```

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

```
.background{ background-color: rgb(120,  
157, 80) }
```

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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