

Converting Colors

RGB(120, 178, 129)

Have a look what the booklet for
RGB(120, 178, 129) contains.

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Color

RGB(120, 178, 129)

Conversions

Conversions Part 1

Format	Color
Hex	78B281
RGB	120, 178, 129
RGB Percent	47%, 70%, 51%
CMY	0.5294, 0.3020, 0.4941
CMYK	0.33, 0.00, 0.28, 0.30
HSL	129°, 27%, 58%
HSV	129°, 33%, 70%
XYZ	27.6286, 37.4188, 26.5353
YIQ	155.0720, -18.8390, -27.5350

Conversions

Conversions Part 2

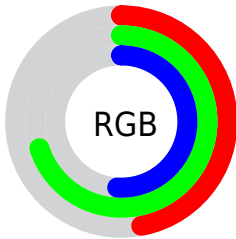
Format	Color
RYB	120, 170, 178
Decimal	7910017
CIELab	67.59, -29.09, 19.20
CIELCh	68, 34.850, 146.578
Yxy	37.4188, 0.3017, 0.4086
Android (android.graphics.Color)	4286100097 (0xFF78B281)
YUV	155.0720, -12.8535, -30.7581
Hunter-Lab	61.1709, -26.4275, 17.1003

Details

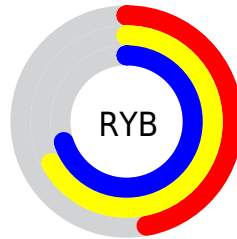
The RGB color **120, 178, 129** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **178, 120, 169**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **174, 234, 182**, and **69, 125, 79** is the 20% darker color. If you saturate the color by 10%, you get **102, 178, 114**, and if you desaturate by 10%, it is **138, 178, 144**.

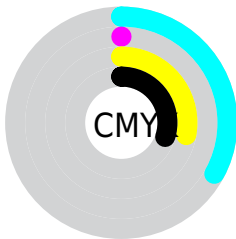
Distribution



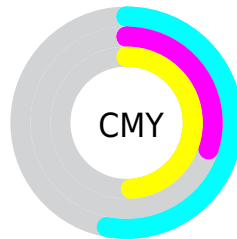
- Red (47%)
- Green (70%)
- Blue (51%)



- Red (47%)
- Yellow (67%)
- Blue (70%)



- Cyan (33%)
- Magenta (0%)
- Yellow (28%)
- Black (30%)




- Cyan (53%)
- Magenta (30%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RGB color 120, 178, 129 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, 178, 129 by changing the saturation by 10% instead.


 120, 178, 129


255, 255, 255

 174, 234, 182


 202, 255, 210

 230, 255, 238

 120, 178, 129

 94, 151, 104

 69, 125, 79

 43, 100, 56

 16, 75, 34


 0, 52, 13


 0, 33, 0

 0, 0, 0

 120, 178, 129

 102, 178, 114

 120, 178, 129

 138, 178, 144

■ 84, 178, 99

■ 156, 178, 159

■ 67, 178, 84

■ 173, 178, 174

■ 49, 178, 69

■ 191, 178, 189

■ 31, 178, 54

■ 209, 178, 204

■ 13, 178, 39

■ 227, 178, 219

■ 0, 178, 28

■ 245, 178, 234

■ 255, 178, 249

■ 255, 178, 255

Harmonies

Analogous

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



157, 171, 107



120, 178, 129



80, 181, 160

Triad

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



120, 178, 129



114, 169, 227



226, 142, 138

Complementary

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



120, 178, 129



178, 120, 169

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.



222, 141, 169



120, 178, 129



163, 158, 221

Square

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



120, 178, 129



63, 177, 216



201, 147, 200



213, 151, 113

Rectangle

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



120, 178, 129



54, 182, 181



201, 147, 200



227, 141, 148

Sweetspot

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



120, 178, 129



209, 232, 212



169, 178, 120



103, 117, 105



245, 245, 245



117, 117, 117

Same Dimension

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



120, 178, 129



142, 232, 156



120, 178, 158



80, 89, 82



0, 153, 24



0, 26, 4

Inverse Universe

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



178, 120, 169



232, 142, 218



178, 120, 140



89, 80, 88



153, 0, 129



26, 0, 22

Previews

White Background



This preview shows how the RGB color 120, 178, 129 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 120, 178, 129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

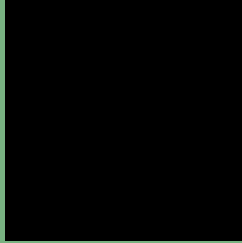
Any Text WCAG AA ✓ Pass

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 120, 178, 129 Background



This preview shows how black text looks on a background with the RGB color 120, 178, 129.

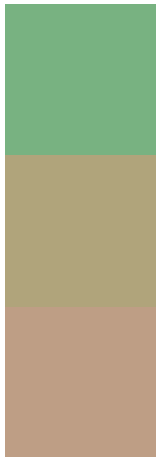


This preview shows how white text looks on a background with the RGB color 120, 178, 129.

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
120, 178, 129

Protanopia
176, 164, 123

Deuteranopia
190, 158, 133



Tritanopia
131, 171, 184

Trichromacy



Original Color
120, 178, 129

Protanomaly
156, 169, 125

Deuteranomaly
165, 165, 132

Tritanomaly
127, 174, 164

Monochromacy



Original Color
120, 178, 129

Achromatopsia
155, 155, 155

Achromatomaly
142, 163, 146

CSS Examples

Text

The CSS property to change the color of the text to RGB 120, 178, 129 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, 178, 129)` looks like.

```
.text, #text, p{  
    color:rgb(120, 178, 129)  
}
```

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, 178, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 178, 129) }
```

Border

The CSS property to change the border of an element to RGB 120, 178, 129 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, 178, 129) }
```

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

```
.border{ border-color:rgb(120, 178, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 178, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 178, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 178, 129);  
box-shadow:4px 4px 4px 4px rgb(120, 178,  
129) }
```

Background

The CSS property to change the background color of an element to RGB 120, 178, 129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 178, 129) }
```

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

```
.background{ background-color: rgb(120,  
178, 129) }
```

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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