

Converting Colors

RGB(120, 182, 161)

Have a look what the booklet for
RGB(120, 182, 161) contains.

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Color

RGB(120, 182, 161)

Conversions

Conversions Part 1

Format	Color
Hex	78B6A1
RGB	120, 182, 161
RGB Percent	47%, 71%, 63%
CMY	0.5294, 0.2863, 0.3686
CMYK	0.34, 0.00, 0.12, 0.29
HSL	160°, 30%, 59%
HSV	160°, 34%, 71%
XYZ	30.9067, 40.0222, 39.8143
YIQ	161.0680, -30.2110, -19.6750

Conversions

Conversions Part 2

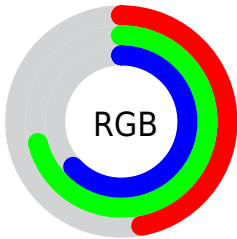
Format	Color
RYB	120, 157, 182
Decimal	7911073
CIELab	69.49, -24.64, 4.37
CIELCh	69, 25.028, 169.942
Yxy	40.0222, 0.2791, 0.3614
Android (android.graphics.Color)	4286101153 (0xFF78B6A1)
YUV	161.0680, -0.0335, -36.0166
Hunter-Lab	63.2631, -23.5056, 6.9703

Details

The RGB color **120, 182, 161** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **182, 120, 141**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **174, 238, 216**, and **68, 129, 110** is the 20% darker color. If you saturate the color by 10%, you get **102, 182, 155**, and if you desaturate by 10%, it is **138, 182, 167**.

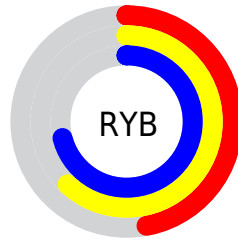
Distribution



Red (47%)

Green (71%)

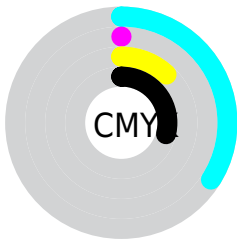
Blue (63%)



Red (47%)

Yellow (62%)

Blue (71%)

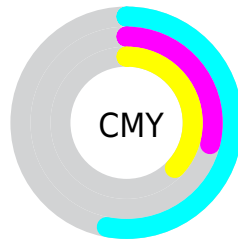


Cyan (34%)

Magenta (0%)

Yellow (12%)

Black (29%)



Cyan (53%)


Magenta (29%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RGB color 120, 182, 161 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, 182, 161 by changing the saturation by 10% instead.


 120, 182, 161


255, 255, 255


 174, 238, 216


 202, 255, 244


 231, 255, 255

 120, 182, 161


 94, 155, 135

 68, 129, 110

 42, 103, 85


 13, 79, 62


 0, 56, 40


 0, 34, 20

 0, 0, 0

 120, 182, 161

 102, 182, 155

 120, 182, 161

 138, 182, 167

■ 84, 182, 149

■ 156, 182, 173

■ 65, 182, 143

■ 175, 182, 179

■ 47, 182, 136

■ 193, 182, 186

■ 29, 182, 130

■ 211, 182, 192

■ 11, 182, 124

■ 229, 182, 198

■ 0, 182, 120

■ 247, 182, 204

■ 255, 182, 210

■ 255, 182, 216

Harmonies

Analogous

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



145, 179, 140



120, 182, 161



104, 182, 184

Triad

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



120, 182, 161



163, 167, 212



210, 158, 136

Complementary

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



120, 182, 161



182, 120, 141

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.



216, 154, 155



120, 182, 161



191, 159, 199

Square

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



120, 182, 161



131, 174, 214



210, 154, 178



194, 166, 125

Rectangle

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



120, 182, 161



104, 181, 198



210, 154, 178



213, 156, 142

Sweetspot

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



120, 182, 161



213, 237, 229



142, 182, 120



105, 120, 115



247, 247, 247



120, 120, 120

Same Dimension

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



120, 182, 161



140, 237, 204



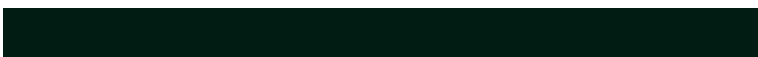
120, 173, 182



83, 92, 89



0, 156, 103



0, 28, 19

Inverse Universe

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



182, 120, 141



237, 140, 173



182, 129, 120



92, 83, 86



156, 0, 53



28, 0, 10

Previews

White Background



This preview shows how the RGB color 120, 182, 161 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, 182, 161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

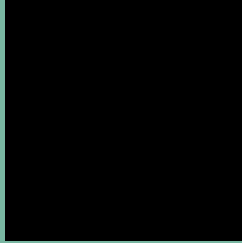
Any Text WCAG AA ✓ Pass

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, 182, 161 Background



This preview shows how black text looks on a background with the RGB color 120, 182, 161.



This preview shows how white text looks on a background with the RGB color 120, 182, 161.

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](#).

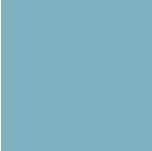
Dichromacy



Original Color
120, 182, 161

Protanopia
176, 168, 154

Deuteranopia
187, 163, 165



Tritanopia
127, 178, 192

Trichromacy



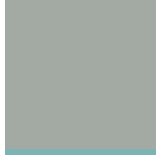
Original Color

120, 182, 161



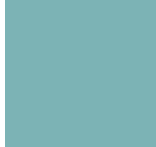
Protanomaly

156, 173, 157



Deuteranomaly

163, 170, 164



Tritanomaly

124, 179, 181

Monochromacy



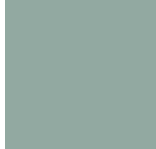
Original Color

120, 182, 161



Achromatopsia

161, 161, 161



Achromatomaly

146, 169, 161

CSS Examples

Text

The CSS property to change the color of the text to RGB 120, 182, 161 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, 182, 161)` looks like.

```
.text, #text, p{  
    color:rgb(120, 182, 161)  
}
```

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, 182, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 182, 161) }
```

Border

The CSS property to change the border of an element to RGB 120, 182, 161 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, 182, 161) }
```

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

```
.border{ border-color:rgb(120, 182, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 182, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 182, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 182, 161);  
box-shadow:4px 4px 4px 4px rgb(120, 182,  
161) }
```

Background

The CSS property to change the background color of an element to RGB 120, 182, 161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 182, 161) }
```

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

```
.background{ background-color: rgb(120,  
182, 161) }
```

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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