

Converting Colors

RGB(114, 177, 129)

Have a look what the booklet for
RGB(114, 177, 129) contains.

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Color

RGB(114, 177, 129)

Conversions

Conversions Part 1

Format	Color
Hex	72B181
RGB	114, 177, 129
RGB Percent	45%, 69%, 51%
CMY	0.5529, 0.3059, 0.4941
CMYK	0.36, 0.00, 0.27, 0.31
HSL	134°, 29%, 57%
HSV	134°, 36%, 69%
XYZ	26.6240, 36.6067, 26.4314
YIQ	152.6910, -22.1400, -28.2840

Conversions

Conversions Part 2

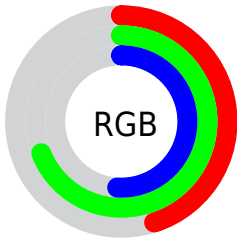
Format	Color
RYB	114, 165, 177
Decimal	7516545
CIELab	66.98, -30.53, 18.31
CIElCh	67, 35.595, 149.046
Yxy	36.6067, 0.2969, 0.4083
Android (android.graphics.Color)	4285706625 (0xFF72B181)
YUV	152.6910, -11.6797, -33.9320
Hunter-Lab	60.5034, -27.3336, 16.4511

Details

The RGB color **114, 177, 129** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **177, 114, 162**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **168, 233, 182**, and **62, 124, 79** is the 20% darker color. If you saturate the color by 10%, you get **96, 177, 116**, and if you desaturate by 10%, it is **132, 177, 142**.

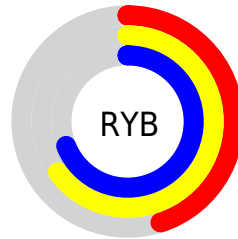
Distribution



Red (45%)

Green (69%)

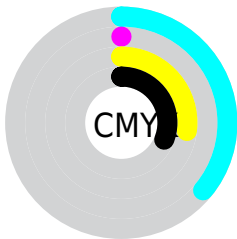
Blue (51%)



Red (45%)

Yellow (65%)

Blue (69%)

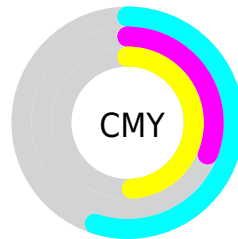


Cyan (36%)

Magenta (0%)

Yellow (27%)

Black (31%)



Cyan (55%)

Magenta (31%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RGB color 114, 177, 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 114, 177, 129 by changing the saturation by 10% instead.

 114, 177, 129


255, 255, 255


 168, 233, 182


 196, 255, 210


 224, 255, 238


253, 255, 255

 114, 177, 129

 96, 177, 116

 114, 177, 129

 88, 150, 104

 62, 124, 79


 36, 99, 56

 4, 74, 34


 0, 51, 13

 0, 32, 0


 0, 0, 0


 114, 177, 129

 132, 177, 142

 79, 177, 102

 149, 177, 156

 61, 177, 89


 167, 177, 169


 43, 177, 75


 185, 177, 183

 26, 177, 62

 203, 177, 196

 8, 177, 48

 220, 177, 210

 0, 177, 42

 238, 177, 223

 255, 177, 237

 255, 177, 250

Harmonies

Analogous

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



152, 170, 106



114, 177, 129



72, 180, 161

Triad

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



114, 177, 129



115, 166, 227



225, 141, 134

Complementary

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



114, 177, 129



177, 114, 162

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.



223, 138, 165



114, 177, 129



165, 155, 219

Square

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



114, 177, 129



60, 175, 217



202, 144, 196



211, 150, 109

Rectangle

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



114, 177, 129



43, 180, 183



202, 144, 196



226, 139, 144

Sweetspot

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



114, 177, 129



204, 230, 210



162, 177, 114



100, 115, 103



242, 242, 242



115, 115, 115

Same Dimension

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



114, 177, 129



131, 230, 154



114, 177, 160



80, 89, 82



0, 153, 36



0, 26, 6

Inverse Universe

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



177, 114, 162



230, 131, 206



177, 114, 131



89, 80, 87



153, 0, 117



26, 0, 19

Previews

White Background



This preview shows how the RGB color 114, 177, 129 looks on a white background.

Color Contrast Check

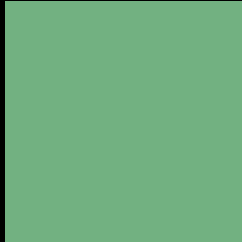
Large Text (above 18pt) WCAG AA × Fail

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 114, 177, 129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

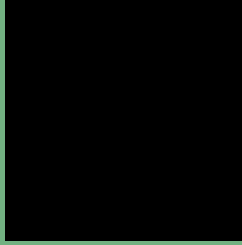
Any Text WCAG AA ✓ Pass

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 114, 177, 129 Background



This preview shows how black text looks on a background with the RGB color 114, 177, 129.



This preview shows how white text looks on a background with the RGB color 114, 177, 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
114, 177, 129

Protanopia
174, 162, 122

Deuteranopia
188, 156, 134



Tritanopia
125, 170, 184

Trichromacy



Original Color

114, 177, 129



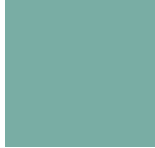
Protanomaly

152, 167, 125



Deuteranomaly

161, 164, 132



Tritanomaly

121, 173, 164

Monochromacy



Original Color

114, 177, 129



Achromatopsia

153, 153, 153



Achromatomaly

139, 162, 144

CSS Examples

Text

The CSS property to change the color of the text to RGB 114, 177, 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(114, 177, 129)` looks like.

```
.text, #text, p{  
    color:rgb(114, 177, 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(114, 177, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 177, 129) }
```

Border

The CSS property to change the border of an element to RGB 114, 177, 129 is called "border". The border property can be set on classes, ids or directly on the HTML element.

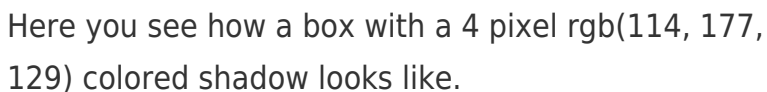
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(114, 177, 129) }
```

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

```
.border{ border-color:rgb(114, 177, 129) }
```

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



Here you see how a box with a 4 pixel `rgb(114, 177, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 177, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 177, 129);  
box-shadow:4px 4px 4px 4px rgb(114, 177,  
129) }
```

Background

The CSS property to change the background color of an element to RGB 114, 177, 129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 177, 129) }
```

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

```
.background{ background-color: rgb(114,  
177, 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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