

Converting Colors

RGB(114, 175, 148)

Have a look what the booklet for
RGB(114, 175, 148) contains.

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Color

RGB(114, 175, 148)

Conversions

Conversions Part 1

Format	Color
Hex	72AF94
RGB	114, 175, 148
RGB Percent	45%, 69%, 58%
CMY	0.5529, 0.3137, 0.4196
CMYK	0.35, 0.00, 0.15, 0.31
HSL	153°, 28%, 57%
HSV	153°, 35%, 69%
XYZ	27.6147, 36.3755, 33.5827
YIQ	153.6830, -27.6890, -21.3290

Conversions

Conversions Part 2

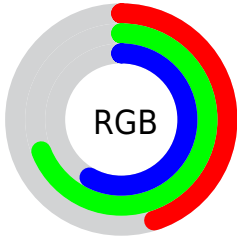
Format	Color
RYB	114, 153, 175
Decimal	7516052
CIELab	66.81, -25.76, 7.64
CIELCh	67, 26.871, 163.482
Yxy	36.3755, 0.2830, 0.3728
Android (android.graphics.Color)	4285706132 (0xFF72AF94)
YUV	153.6830, -2.8017, -34.8020
Hunter-Lab	60.3121, -23.8175, 9.2049

Details

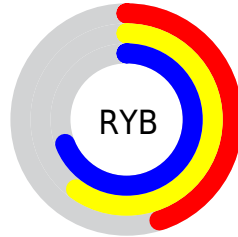
The RGB color **114, 175, 148** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **175, 114, 141**, and the grayscale version is **154, 154, 154**.

A 20% lighter version of the original color is **168, 231, 202**, and **63, 122, 97** is the 20% darker color. If you saturate the color by 10%, you get **97, 175, 140**, and if you desaturate by 10%, it is **132, 175, 156**.

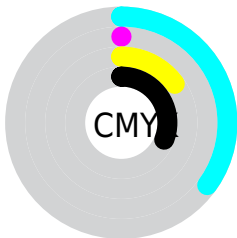
Distribution



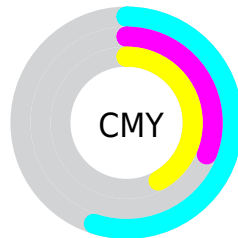
- Red (45%)
- Green (69%)
- Blue (58%)



- Red (45%)
- Yellow (60%)
- Blue (69%)



- Cyan (35%)
- Magenta (0%)
- Yellow (15%)
- Black (31%)




- Cyan (55%)
- Magenta (31%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 114, 175, 148 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, 175, 148 by changing the saturation by 10% instead.

 114, 175, 148


255, 255, 255


 168, 231, 202

 196, 255, 230


 224, 255, 255

253, 255, 255

 114, 175, 148

 97, 175, 140

 114, 175, 148

 88, 148, 122

 63, 122, 97


 37, 97, 74


 6, 73, 51


 0, 50, 30

 0, 31, 5


 0, 0, 0

 114, 175, 148


 132, 175, 156

 79, 175, 133


 149, 175, 163

 62, 175, 125

 167, 175, 171

 44, 175, 117


 184, 175, 179

 26, 175, 109

 202, 175, 187

 9, 175, 102

 219, 175, 194

 0, 175, 98

 237, 175, 202

 254, 175, 210

 255, 175, 218

Harmonies

Analogous

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



142, 171, 127



114, 175, 148



92, 176, 173

Triad

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



114, 175, 148



148, 161, 209



207, 149, 130

Complementary

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



114, 175, 148



175, 114, 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.



211, 145, 152



114, 175, 148



180, 153, 198

Square

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



114, 175, 148



113, 169, 208



202, 146, 177



192, 156, 117

Rectangle

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



114, 175, 148



88, 175, 188



202, 146, 177



210, 147, 137

Sweetspot

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



114, 175, 148



204, 227, 217



141, 175, 114



101, 115, 109



242, 242, 242



115, 115, 115

Same Dimension

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



114, 175, 148



132, 227, 185



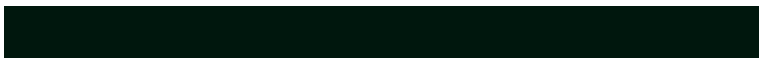
114, 172, 175



78, 87, 83



0, 150, 84



0, 23, 13

Inverse Universe

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



175, 114, 141



227, 132, 174



175, 117, 114



87, 78, 82



150, 0, 67



23, 0, 10

Previews

White Background



This preview shows how the RGB color 114, 175, 148 looks on a white background.

Color Contrast Check

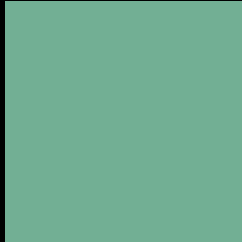
Large Text (above 18pt) WCAG AA × Fail

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, 175, 148 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, 175, 148 Background



This preview shows how black text looks on a background with the RGB color 114, 175, 148.

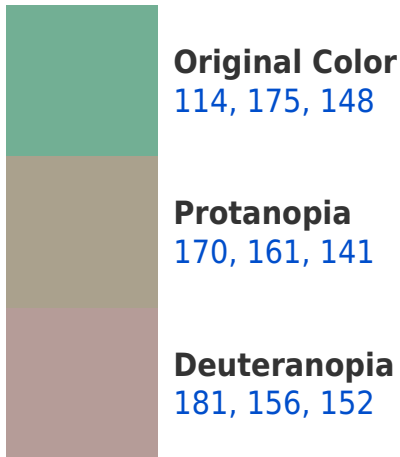



This preview shows how white text looks on a background with the RGB color 114, 175, 148.

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
122, 170, 184

Trichromacy



Original Color
114, 175, 148

Protanomaly
150, 166, 144

Deuteranomaly
157, 163, 151

Tritanomaly
119, 172, 171

Monochromacy



Original Color
114, 175, 148

Achromatopsia
154, 154, 154

Achromatomaly
139, 162, 152

CSS Examples

Text

The CSS property to change the color of the text to RGB 114, 175, 148 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, 175, 148)` looks like.

```
.text, #text, p{  
    color:rgb(114, 175, 148)  
}
```

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, 175, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 175, 148) }
```

Border

The CSS property to change the border of an element to RGB 114, 175, 148 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, 175, 148) }
```

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

```
.border{ border-color:rgb(114, 175, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 175, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 175, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 175, 148);  
box-shadow:4px 4px 4px 4px rgb(114, 175,  
148) }
```

Background

The CSS property to change the background color of an element to RGB 114, 175, 148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 175, 148) }
```

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

```
.background{ background-color: rgb(114,  
175, 148) }
```

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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