

Converting Colors

RGB(112, 175, 144)

Have a look what the booklet for
RGB(112, 175, 144) contains.

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Color

RGB(112, 175, 144)

Conversions

Conversions Part 1

Format	Color
Hex	70AF90
RGB	112, 175, 144
RGB Percent	44%, 69%, 56%
CMY	0.5608, 0.3137, 0.4353
CMYK	0.36, 0.00, 0.18, 0.31
HSL	150°, 28%, 56%
HSV	150°, 36%, 69%
XYZ	27.0461, 36.1183, 31.9316
YIQ	152.6290, -27.5970, -22.9970

Conversions

Conversions Part 2

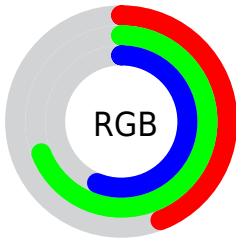
Format	Color
RYB	112, 154, 175
Decimal	7384976
CIELab	66.61, -27.21, 9.55
CIElCh	67, 28.836, 160.651
Yxy	36.1183, 0.2844, 0.3798
Android (android.graphics.Color)	4285575056 (0xFF70AF90)
YUV	152.6290, -4.2541, -35.6316
Hunter-Lab	60.0985, -24.8421, 10.5669

Details

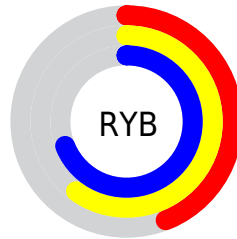
The RGB color **112, 175, 144** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **175, 112, 143**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **166, 231, 198**, and **60, 122, 94** is the 20% darker color. If you saturate the color by 10%, you get **95, 175, 135**, and if you desaturate by 10%, it is **130, 175, 153**.

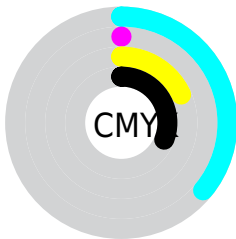
Distribution



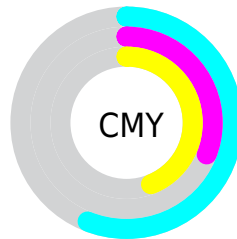
- Red (44%)
- Green (69%)
- Blue (56%)



- Red (44%)
- Yellow (60%)
- Blue (69%)



- Cyan (36%)
- Magenta (0%)
- Yellow (18%)
- Black (31%)



- Cyan (56%)
- Magenta (31%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RGB color 112, 175, 144 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 112, 175, 144 by changing the saturation by 10% instead.

 112, 175, 144


255, 255, 255


 166, 231, 198


 194, 255, 226

 222, 255, 254

 251, 255, 255

 112, 175, 144

 86, 148, 118

 60, 122, 94

 34, 97, 70


 2, 73, 48


 0, 50, 27


 0, 31, 0


 0, 0, 0

 112, 175, 144


 95, 175, 135

 112, 175, 144


 130, 175, 153

 77, 175, 127


 147, 175, 161


 59, 175, 118


 164, 175, 170

 42, 175, 110


 182, 175, 178

 25, 175, 101

 200, 175, 187

 7, 175, 92

 217, 175, 196

 0, 175, 89

 235, 175, 204

 252, 175, 213

 255, 175, 222

Harmonies

Analogous

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



142, 171, 122



112, 175, 144



86, 176, 171

Triad

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



112, 175, 144



142, 161, 213



210, 147, 129

Complementary

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



112, 175, 144



175, 112, 143

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.



214, 143, 154



112, 175, 144



177, 152, 201

Square

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



112, 175, 144



104, 169, 210



203, 145, 180



195, 155, 114

Rectangle

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



112, 175, 144



79, 176, 187



203, 145, 180



213, 145, 137

Sweetspot

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



112, 175, 144



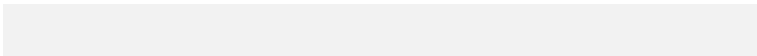
202, 227, 215



144, 175, 112



100, 115, 107



242, 242, 242



115, 115, 115

Same Dimension

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



112, 175, 144



129, 227, 179



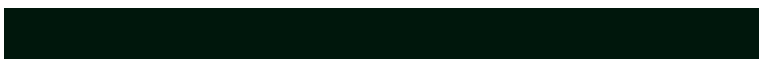
112, 175, 175



78, 87, 82



0, 150, 76



0, 23, 12

Inverse Universe

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



175, 112, 143



227, 129, 177



175, 112, 112



87, 78, 82



150, 0, 74



23, 0, 11

Previews

White Background



This preview shows how the RGB color 112, 175, 144 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 112, 175, 144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

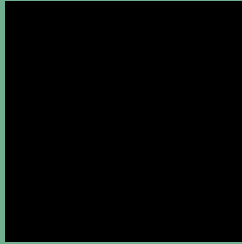
Any Text WCAG AA ✓ Pass

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 112, 175, 144 Background



This preview shows how black text looks on a background with the RGB color 112, 175, 144.

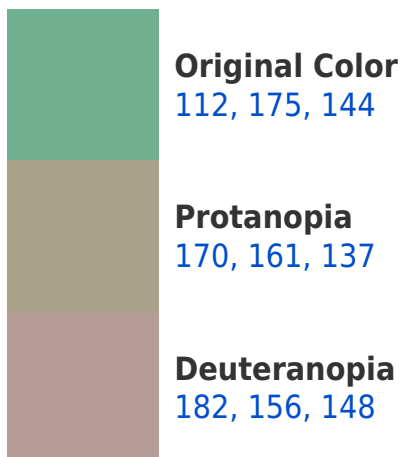



This preview shows how white text looks on a background with the RGB color 112, 175, 144.

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
121, 170, 183

Trichromacy



Original Color

112, 175, 144

Protanomaly

149, 166, 140

Deuteranomaly

157, 163, 147

Tritanomaly

118, 172, 169

Monochromacy



Original Color

112, 175, 144

Achromatopsia

153, 153, 153

Achromatomaly

138, 161, 150

CSS Examples

Text

The CSS property to change the color of the text to RGB 112, 175, 144 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(112, 175, 144)` looks like.

```
.text, #text, p{  
    color:rgb(112, 175, 144)  
}
```

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(112, 175, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 175, 144) }
```

Border

The CSS property to change the border of an element to RGB 112, 175, 144 is called "border". The border property can be set on classes, ids or directly on the HTML element.

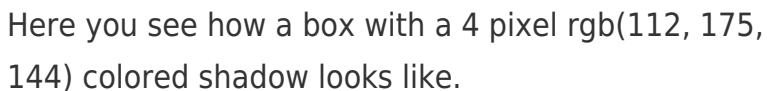
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(112, 175, 144) }
```

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

```
.border{ border-color:rgb(112, 175, 144) }
```

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



Here you see how a box with a 4 pixel `rgb(112, 175, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(112, 175, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(112, 175, 144); box-shadow:4px 4px 4px 4px rgb(112, 175, 144) }
```

Background

The CSS property to change the background color of an element to RGB 112, 175, 144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 175, 144) }
```

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

```
.background{ background-color: rgb(112,  
175, 144) }
```

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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