

Converting Colors

RGB(104, 139, 70)

Have a look what the booklet for
RGB(104, 139, 70) contains.

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Color

RGB(104, 139, 70)

Conversions

Conversions Part 1

Format	Color
Hex	688B46
RGB	104, 139, 70
RGB Percent	41%, 55%, 27%
CMY	0.5922, 0.4549, 0.7255
CMYK	0.25, 0.00, 0.50, 0.45
HSL	90°, 33%, 41%
HSV	90°, 50%, 55%
XYZ	16.0470, 21.8505, 9.1662
YIQ	120.6690, 1.2890, -28.8790

Conversions

Conversions Part 2

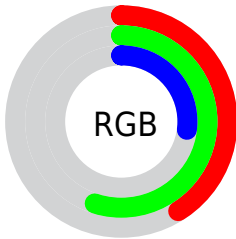
Format	Color
RYB	70, 139, 105
Decimal	6851398
CIELab	53.87, -24.81, 32.81
CIELCh	54, 41.131, 127.095
Yxy	21.8505, 0.3410, 0.4643
Android (android.graphics.Color)	4285041478 (0xFF688B46)
YUV	120.6690, -24.9798, -14.6187
Hunter-Lab	46.7445, -20.5252, 21.0950

Details

The RGB color **104, 139, 70** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **105, 70, 139**, and the grayscale version is **121, 121, 121**.

A 20% lighter version of the original color is **157, 193, 120**, and **54, 89, 23** is the 20% darker color. If you saturate the color by 10%, you get **97, 139, 56**, and if you desaturate by 10%, it is **111, 139, 84**.

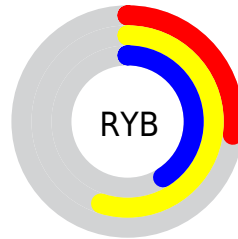
Distribution



Red (41%)

Green (55%)

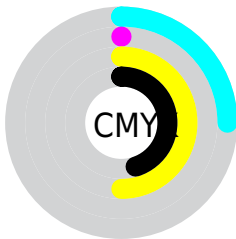
Blue (27%)



Red (27%)

Yellow (55%)

Blue (41%)

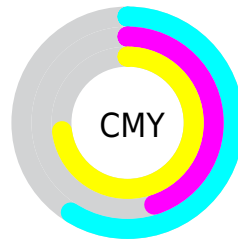


Cyan (25%)

Magenta (0%)

Yellow (50%)

Black (45%)



Cyan (59%)

Magenta (45%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the RGB color 104, 139, 70 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 104, 139, 70 by changing the saturation by 10% instead.



104, 139, 70



104, 139, 70

255, 255, 255



79, 113, 46



157, 193, 120



54, 89, 23



184, 221, 146



30, 65, 0



212, 249, 173



5, 43, 0



241, 255, 201



0, 22, 0



255, 255, 229



0, 0, 0



104, 139, 70



104, 139, 70



97, 139, 56



111, 139, 84



90, 139, 42



118, 139, 98

83, 139, 28

125, 139, 112

76, 139, 14

132, 139, 126

69, 139, 1

139, 139, 139

68, 139, 0

146, 139, 153

153, 139, 167

160, 139, 181

167, 139, 195

Harmonies

Analogous

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



142, 130, 56



104, 139, 70



54, 145, 100

Triad

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



104, 139, 70



0, 140, 194



195, 99, 122

Complementary

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



104, 139, 70



105, 70, 139

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.



179, 104, 157



104, 139, 70



83, 130, 199

Square

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



104, 139, 70



0, 145, 171



143, 116, 185



191, 105, 88

Rectangle

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



104, 139, 70



0, 147, 124



143, 116, 185



192, 99, 134

Sweetspot

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



104, 139, 70



167, 181, 154



139, 104, 70



83, 92, 75



219, 219, 219



92, 92, 92

Same Dimension

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



104, 139, 70



126, 181, 72



70, 139, 70



65, 69, 62



65, 133, 0



3, 5, 0

Inverse Universe

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



105, 70, 139



128, 72, 181



139, 70, 139



65, 62, 69



67, 0, 133



3, 0, 5

Previews

White Background



This preview shows how the RGB color 104, 139, 70 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 104, 139, 70 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

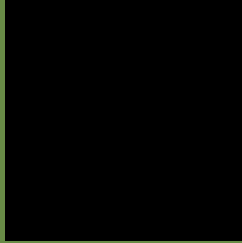
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 104, 139, 70 Background



This preview shows how black text looks on a background with the RGB color 104, 139, 70.



This preview shows how white text looks on a background with the RGB color 104, 139, 70.

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

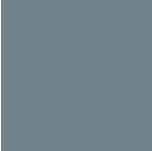
104, 139, 70

Protanopia

142, 128, 66

Deuteranopia

156, 122, 74



Tritanopia
114, 131, 142

Trichromacy



Original Color
104, 139, 70

Protanomaly
128, 132, 67

Deuteranomaly
137, 128, 73

Tritanomaly
110, 134, 116

Monochromacy



Original Color
104, 139, 70

Achromatopsia
121, 121, 121

Achromatomaly
115, 128, 102

CSS Examples

Text

The CSS property to change the color of the text to RGB 104, 139, 70 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(104, 139, 70)` looks like.

```
.text, #text, p{  
    color:rgb(104, 139, 70)  
}
```

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(104, 139, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 139, 70) }
```

Border

The CSS property to change the border of an element to RGB 104, 139, 70 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(104, 139, 70) }
```

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

```
.border{ border-color:rgb(104, 139, 70) }
```

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

Here you see how a box with a 4 pixel rgb(104, 139, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 139, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 139, 70);  
box-shadow:4px 4px 4px 4px rgb(104, 139,  
70) }
```

Background

The CSS property to change the background color of an element to RGB 104, 139, 70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 139, 70) }
```

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

```
.background{ background-color: rgb(104,  
139, 70) }
```

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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