

Converting Colors

RGB(100, 139, 110)

Have a look what the booklet for
RGB(100, 139, 110) contains.

RGB(100, 139, 110)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(100, 139, 110)

Conversions

Conversions Part 1

Format	Color
Hex	648B6E
RGB	100, 139, 110
RGB Percent	39%, 55%, 43%
CMY	0.6078, 0.4549, 0.5686
CMYK	0.28, 0.00, 0.21, 0.45
HSL	135°, 16%, 47%
HSV	135°, 28%, 55%
XYZ	17.3026, 22.3004, 18.1443
YIQ	124.0330, -13.9350, -17.2870

Conversions

Conversions Part 2

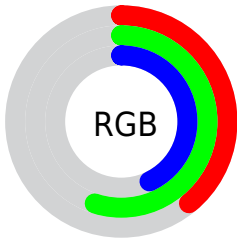
Format	Color
RYB	100, 131, 139
Decimal	6589294
CIELab	54.34, -19.83, 11.22
CIELCh	54, 22.789, 150.492
Yxy	22.3004, 0.2996, 0.3862
Android (android.graphics.Color)	4284779374 (0xFF648B6E)
YUV	124.0330, -6.9183, -21.0769
Hunter-Lab	47.2232, -17.2382, 10.2756

Details

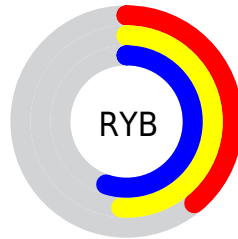
The RGB color **100, 139, 110** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **139, 100, 129**, and the grayscale version is **124, 124, 124**.

A 20% lighter version of the original color is **152, 193, 162**, and **52, 89, 62** is the 20% darker color. If you saturate the color by 10%, you get **86, 139, 100**, and if you desaturate by 10%, it is **114, 139, 120**.

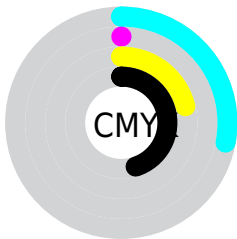
Distribution



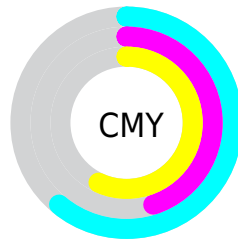
- Red (39%)
- Green (55%)
- Blue (43%)



- Red (39%)
- Yellow (51%)
- Blue (55%)



- Cyan (28%)
- Magenta (0%)
- Yellow (21%)
- Black (45%)



- Cyan (61%)
- Magenta (45%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RGB color 100, 139, 110 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 100, 139, 110 by changing the saturation by 10% instead.

■ 100, 139, 110

255, 255, 255

■ 152, 193, 162

■ 179, 221, 189

■ 207, 249, 216

■ 235, 255, 245

■ 100, 139, 110

■ 86, 139, 100

■ 72, 139, 89

■ 100, 139, 110

■ 75, 113, 86

■ 52, 89, 62

■ 29, 65, 40

■ 5, 43, 20

■ 0, 24, 0

■ 0, 0, 0

■ 100, 139, 110

■ 114, 139, 120

■ 128, 139, 131

■ 58, 139, 79

■ 142, 139, 141

■ 44, 139, 69

■ 156, 139, 151

■ 31, 139, 58

■ 170, 139, 162

■ 17, 139, 48

■ 183, 139, 172

■ 3, 139, 38

■ 197, 139, 182

■ 0, 139, 36

■ 211, 139, 193

■ 225, 139, 203

Harmonies

Analogous

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



123, 135, 96



100, 139, 110



79, 141, 130

Triad

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



100, 139, 110



105, 132, 169



169, 117, 111

Complementary

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



100, 139, 110



139, 100, 129

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.



168, 116, 130



100, 139, 110



133, 125, 164

Square

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



100, 139, 110



80, 137, 164



155, 119, 150



160, 122, 96

Rectangle

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



100, 139, 110



71, 141, 143



155, 119, 150



170, 116, 117

Sweetspot

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



100, 139, 110



167, 181, 170



129, 139, 100



83, 92, 85



219, 219, 219



92, 92, 92

Same Dimension

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



100, 139, 110



119, 181, 135



100, 139, 129



62, 69, 64



0, 133, 34



0, 5, 1

Inverse Universe

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



139, 100, 129



181, 119, 165



139, 100, 110



69, 62, 67



133, 0, 99



5, 0, 4

Previews

White Background



This preview shows how the RGB color 100, 139, 110 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 100, 139, 110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

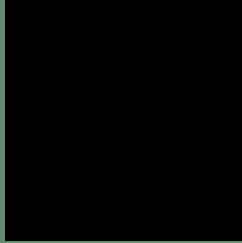
Any Text WCAG AA ✓ Pass

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 100, 139, 110 Background



This preview shows how black text looks on a background with the RGB color 100, 139, 110.



This preview shows how white text looks on a background with the RGB color 100, 139, 110.

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
100, 139, 110

Protanopia
137, 129, 105

Deuteranopia
148, 125, 113



Tritanopia
107, 134, 145

Trichromacy



Original Color
100, 139, 110

Protanomaly
124, 133, 107

Deuteranomaly
131, 130, 112

Tritanomaly
104, 136, 132

Monochromacy



Original Color
100, 139, 110

Achromatopsia
124, 124, 124

Achromatomaly
115, 129, 119

CSS Examples

Text

The CSS property to change the color of the text to RGB 100, 139, 110 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(100, 139, 110)` looks like.

```
.text, #text, p{  
    color:rgb(100, 139, 110)  
}
```

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(100, 139, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 139, 110) }
```

Border

The CSS property to change the border of an element to RGB 100, 139, 110 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(100, 139, 110) }
```

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

```
.border{ border-color:rgb(100, 139, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 139, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 139, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 139, 110);  
box-shadow:4px 4px 4px 4px rgb(100, 139,  
110) }
```

Background

The CSS property to change the background color of an element to RGB 100, 139, 110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 139, 110) }
```

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

```
.background{ background-color: rgb(100,  
139, 110) }
```

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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