

Converting Colors

RGB(116, 145, 138)

Have a look what the booklet for
RGB(116, 145, 138) contains.

RGB(116, 145, 138)	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(116, 145, 138)

Conversions

Conversions Part 1

Format	Color
Hex	74918A
RGB	116, 145, 138
RGB Percent	45%, 57%, 54%
CMY	0.5451, 0.4314, 0.4588
CMYK	0.20, 0.00, 0.05, 0.43
HSL	166°, 12%, 51%
HSV	166°, 20%, 57%
XYZ	21.9153, 25.7988, 27.8694
YIQ	135.5310, -15.0370, -8.3250

Conversions

Conversions Part 2

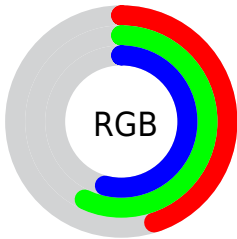
Format	Color
RYB	116, 132, 145
Decimal	7639434
CIELab	57.85, -11.70, 0.33
CIElCh	58, 11.704, 178.360
Yxy	25.7988, 0.2899, 0.3413
Android (android.graphics.Color)	4285829514 (0xFF74918A)
YUV	135.5310, 1.2172, -17.1287
Hunter-Lab	50.7925, -11.8700, 3.0229

Details

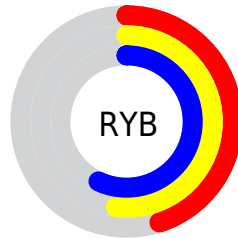
The RGB color `116, 145, 138` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `145, 116, 123`, and the grayscale version is `136, 136, 136`.

A 20% lighter version of the original color is `168, 199, 191`, and `67, 95, 88` is the 20% darker color. If you saturate the color by 10%, you get `102, 145, 135`, and if you desaturate by 10%, it is `131, 145, 141`.

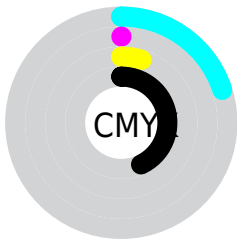
Distribution



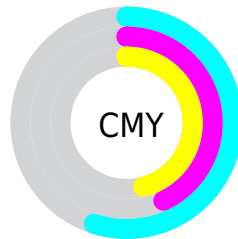
- Red (45%)
- Green (57%)
- Blue (54%)



- Red (45%)
- Yellow (52%)
- Blue (57%)



- Cyan (20%)
- Magenta (0%)
- Yellow (5%)
- Black (43%)



- Cyan (55%)
- Magenta (43%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RGB color 116, 145, 138 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 116, 145, 138 by changing the saturation by 10% instead.

■ 116, 145, 138

255, 255, 255

■ 168, 199, 191

■ 196, 227, 219

■ 224, 255, 248

253, 255, 255

■ 116, 145, 138

■ 102, 145, 135

■ 87, 145, 131

■ 116, 145, 138

■ 91, 119, 113

■ 67, 95, 88

■ 44, 71, 65

■ 22, 48, 43

■ 0, 28, 22

■ 0, 0, 0

■ 116, 145, 138

■ 131, 145, 141

■ 145, 145, 145

■ 73, 145, 127

■ 160, 145, 148

■ 58, 145, 124

■ 174, 145, 152

■ 44, 145, 120

■ 189, 145, 155

■ 29, 145, 117

■ 203, 145, 159

■ 14, 145, 113

■ 218, 145, 163

■ 0, 145, 110

■ 232, 145, 166

■ 246, 145, 170

Harmonies

Analogous

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



125, 144, 128



116, 145, 138



113, 145, 148

Triad

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



116, 145, 138



140, 137, 157



157, 135, 122

Complementary

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



116, 145, 138



145, 116, 123

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.



161, 133, 130



116, 145, 138



152, 134, 150

Square

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



116, 145, 138



127, 140, 159



159, 132, 140



148, 138, 119

Rectangle

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



116, 145, 138



115, 144, 154



159, 132, 140



159, 134, 124

Sweetspot

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



116, 145, 138



177, 189, 186



123, 145, 116



88, 94, 93



222, 222, 222



94, 94, 94

Same Dimension

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



116, 145, 138



143, 189, 178



116, 138, 145



64, 71, 70



0, 135, 103



0, 8, 6

Inverse Universe

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



145, 116, 123



189, 143, 154



145, 123, 116



71, 64, 66



135, 0, 33



8, 0, 2

Previews

White Background



This preview shows how the RGB color 116, 145, 138 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 116, 145, 138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

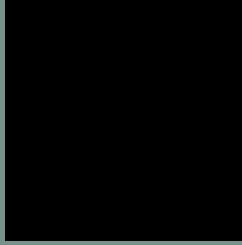
Any Text WCAG AA ✓ Pass

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 116, 145, 138 Background



This preview shows how black text looks on a background with the RGB color 116, 145, 138.




This preview shows how white text looks on a background with the RGB color 116, 145, 138.

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
119, 143, 154

Trichromacy



Original Color

116, 145, 138

Protanomaly

133, 141, 135

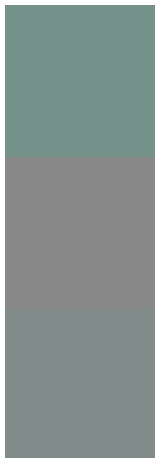
Deuteranomaly

138, 138, 139

Tritanomaly

118, 144, 148

Monochromacy



Original Color

116, 145, 138

Achromatopsia

136, 136, 136

Achromatomaly

129, 139, 137

CSS Examples

Text

The CSS property to change the color of the text to RGB 116, 145, 138 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(116, 145, 138)` looks like.

```
.text, #text, p{  
    color:rgb(116, 145, 138)  
}
```

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(116, 145, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 145, 138) }
```

Border

The CSS property to change the border of an element to RGB 116, 145, 138 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(116, 145, 138) }
```

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

```
.border{ border-color:rgb(116, 145, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 145, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 145, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 145, 138);  
box-shadow:4px 4px 4px 4px rgb(116, 145,  
138) }
```

Background

The CSS property to change the background color of an element to RGB 116, 145, 138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 145, 138) }
```

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

```
.background{ background-color: rgb(116,  
145, 138) }
```

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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