

Converting Colors

RGB(76, 140, 123)

Have a look what the booklet for
RGB(76, 140, 123) contains.

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Color

RGB(76, 140, 123)

Conversions

Conversions Part 1

Format	Color
Hex	4C8C7B
RGB	76, 140, 123
RGB Percent	30%, 55%, 48%
CMY	0.7020, 0.4510, 0.5176
CMYK	0.46, 0.00, 0.12, 0.45
HSL	164°, 30%, 42%
HSV	164°, 46%, 55%
XYZ	15.9337, 21.7227, 22.0920
YIQ	118.9260, -32.6870, -18.8550

Conversions

Conversions Part 2

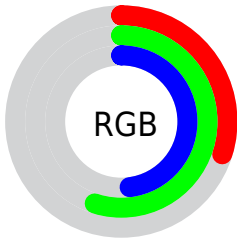
Format	Color
RYB	76, 113, 140
Decimal	5016699
CIELab	53.73, -24.87, 2.70
CIELCh	54, 25.018, 173.795
Yxy	21.7227, 0.2667, 0.3636
Android (android.graphics.Color)	4283206779 (0xFF4C8C7B)
YUV	118.9260, 2.0085, -37.6461
Hunter-Lab	46.6076, -20.5397, 4.5219

Details

The RGB color **76, 140, 123** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **140, 76, 93**, and the grayscale version is **119, 119, 119**.

A 20% lighter version of the original color is **129, 194, 175**, and **21, 89, 74** is the 20% darker color. If you saturate the color by 10%, you get **62, 140, 119**, and if you desaturate by 10%, it is **90, 140, 127**.

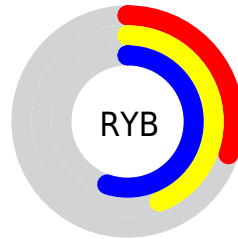
Distribution



Red (30%)

Green (55%)

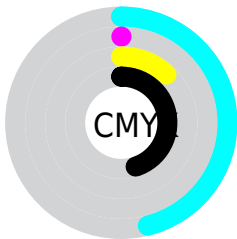
Blue (48%)



Red (30%)

Yellow (44%)

Blue (55%)

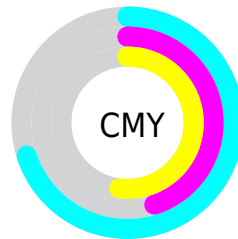


Cyan (46%)

Magenta (0%)

Yellow (12%)

Black (45%)



Cyan (70%)

Magenta (45%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RGB color 76, 140, 123 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 76, 140, 123 by changing the saturation by 10% instead.

 76, 140, 123  76, 140, 123

255, 255, 255  50, 114, 98

 129, 194, 175  21, 89, 74

 156, 222, 203  0, 66, 52

 183, 251, 231  0, 43, 31

 212, 255, 255  0, 22, 6

 241, 255, 255  0, 0, 0

 76, 140, 123  76, 140, 123

 62, 140, 119  90, 140, 127

 48, 140, 116  104, 140, 130

■ 34, 140, 112

■ 118, 140, 134

■ 20, 140, 108

■ 132, 140, 138

■ 6, 140, 104

■ 146, 140, 142

■ 0, 140, 103

■ 160, 140, 145

■ 174, 140, 149

■ 188, 140, 153

■ 202, 140, 156

Harmonies

Analogous

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



101, 137, 102



76, 140, 123



59, 140, 145

Triad

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



76, 140, 123



125, 124, 168



164, 118, 94

Complementary

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



76, 140, 123



140, 76, 93

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.



171, 113, 112



76, 140, 123



152, 117, 154

Square

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



76, 140, 123



93, 132, 171



168, 113, 134



148, 126, 86

Rectangle

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



76, 140, 123



60, 138, 158



168, 113, 134



168, 116, 100

Sweetspot

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



76, 140, 123



156, 181, 174



93, 140, 76



76, 92, 88



219, 219, 219



92, 92, 92

Same Dimension

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



76, 140, 123



81, 181, 155



76, 125, 140



62, 69, 67



0, 133, 97



0, 5, 4

Inverse Universe

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



140, 76, 93



181, 81, 108



140, 91, 76



69, 62, 64



133, 0, 35



5, 0, 1

Previews

White Background



This preview shows how the RGB color 76, 140, 123 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 76, 140, 123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

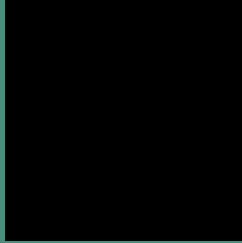
Any Text WCAG AA ✓ Pass

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 76, 140, 123 Background



This preview shows how black text looks on a background with the RGB color 76, 140, 123.



This preview shows how white text looks on a background with the RGB color 76, 140, 123.

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

83, 136, 147

Trichromacy



Original Color

76, 140, 123

Protanomaly

112, 132, 119

Deuteranomaly

117, 130, 125

Tritanomaly

80, 137, 138

Monochromacy



Original Color

76, 140, 123

Achromatopsia

119, 119, 119

Achromatomaly

103, 127, 120

CSS Examples

Text

The CSS property to change the color of the text to RGB 76, 140, 123 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(76, 140, 123)` looks like.

```
.text, #text, p{  
    color:rgb(76, 140, 123)  
}
```

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(76, 140, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 140, 123) }
```

Border

The CSS property to change the border of an element to RGB 76, 140, 123 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(76, 140, 123) }
```

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

```
.border{ border-color:rgb(76, 140, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 140, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 140, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 140, 123);  
box-shadow:4px 4px 4px 4px rgb(76, 140,  
123) }
```

Background

The CSS property to change the background color of an element to RGB 76, 140, 123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 140, 123) }
```

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

```
.background{ background-color: rgb(76, 140,  
123) }
```

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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