

Converting Colors

RGB(74, 149, 137)

Have a look what the booklet for
RGB(74, 149, 137) contains.

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Color

RGB(74, 149, 137)

Conversions

Conversions Part 1

Format	Color
Hex	4A9589
RGB	74, 149, 137
RGB Percent	29%, 58%, 54%
CMY	0.7098, 0.4157, 0.4627
CMYK	0.50, 0.00, 0.08, 0.42
HSL	170°, 34%, 44%
HSV	170°, 50%, 58%
XYZ	18.0868, 24.7569, 27.4922
YIQ	125.2070, -40.8480, -19.6320

Conversions

Conversions Part 2

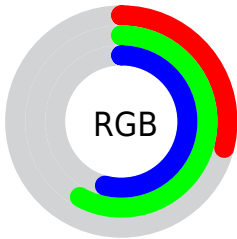
Format	Color
RYB	74, 115, 149
Decimal	4887945
CIELab	56.84, -26.36, -0.83
CIELCh	57, 26.376, 181.797
Yxy	24.7569, 0.2571, 0.3520
Android (android.graphics.Color)	4283078025 (0xFF4A9589)
YUV	125.2070, 5.8139, -44.9085
Hunter-Lab	49.7563, -22.1872, 2.0695

Details

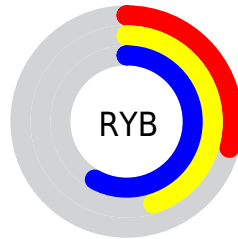
The RGB color **74, 149, 137** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **149, 74, 86**, and the grayscale version is **125, 125, 125**.

A 20% lighter version of the original color is **128, 203, 190**, and **11, 98, 87** is the 20% darker color. If you saturate the color by 10%, you get **59, 149, 135**, and if you desaturate by 10%, it is **89, 149, 139**.

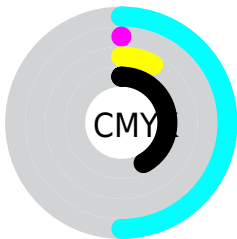
Distribution



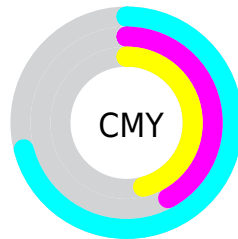
- Red (29%)
- Green (58%)
- Blue (54%)



- Red (29%)
- Yellow (45%)
- Blue (58%)



- Cyan (50%)
- Magenta (0%)
- Yellow (8%)
- Black (42%)



- Cyan (71%)
- Magenta (42%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RGB color 74, 149, 137 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 74, 149, 137 by changing the saturation by 10% instead.



74, 149, 137



74, 149, 137

255, 255, 255



46, 123, 112



128, 203, 190



11, 98, 87



156, 232, 218



0, 74, 64



184, 255, 247



0, 50, 42



212, 255, 255



0, 31, 22



241, 255, 255



0, 0, 0



74, 149, 137



74, 149, 137



59, 149, 135



89, 149, 139



44, 149, 132



104, 149, 142

■ 29, 149, 130

■ 119, 149, 144

■ 14, 149, 127

■ 134, 149, 147

■ 0, 149, 125

■ 149, 149, 149

■ 163, 149, 151

■ 178, 149, 154

■ 193, 149, 156

■ 208, 149, 158

Harmonies

Analogous

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



100, 147, 114



74, 149, 137



60, 148, 160

Triad

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



74, 149, 137



141, 130, 175



170, 128, 97

Complementary

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



74, 149, 137



149, 74, 86

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.



181, 121, 113



74, 149, 137



167, 123, 158

Square

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



74, 149, 137



108, 138, 182



180, 119, 136



151, 135, 90

Rectangle

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



74, 149, 137



67, 146, 172



180, 119, 136



175, 125, 101

Sweetspot

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



74, 149, 137



165, 194, 189



87, 149, 74



79, 97, 94



224, 224, 224



97, 97, 97

Same Dimension

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



74, 149, 137



78, 194, 175



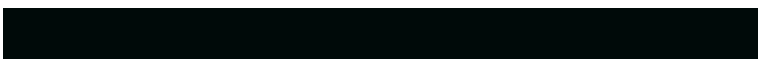
74, 124, 149



67, 74, 73



0, 138, 116



0, 10, 9

Inverse Universe

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



149, 74, 86



194, 78, 96



149, 99, 74



74, 67, 68



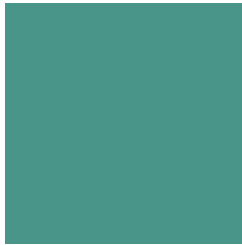
138, 0, 22



10, 0, 2

Previews

White Background



This preview shows how the RGB color 74, 149, 137 looks on a white background.

Color Contrast Check

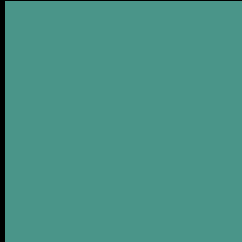
Large Text (above 18pt) WCAG AA ✓ Pass

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 74, 149, 137 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 74, 149, 137 Background



This preview shows how black text looks on a background with the RGB color 74, 149, 137.



This preview shows how white text looks on a background with the RGB color 74, 149, 137.

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

81, 146, 158

Trichromacy



Original Color

74, 149, 137

Protanomaly

116, 140, 132

Deuteranomaly

120, 138, 140

Tritanomaly

78, 147, 150

Monochromacy



Original Color

74, 149, 137

Achromatopsia

125, 125, 125

Achromatomaly

106, 134, 129

CSS Examples

Text

The CSS property to change the color of the text to RGB 74, 149, 137 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(74, 149, 137)` looks like.

```
.text, #text, p{  
    color:rgb(74, 149, 137)  
}
```

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(74, 149, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 149, 137) }
```

Border

The CSS property to change the border of an element to RGB 74, 149, 137 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(74, 149, 137) }
```

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

```
.border{ border-color:rgb(74, 149, 137) }
```

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

Here you see how a box with a 4 pixel rgb(74, 149, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 149, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 149, 137);  
box-shadow:4px 4px 4px 4px rgb(74, 149,  
137) }
```

Background

The CSS property to change the background color of an element to RGB 74, 149, 137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 149, 137) }
```

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

```
.background{ background-color: rgb(74, 149,  
137) }
```

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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