

# Converting Colors

RGB(74, 149, 130)

Have a look what the booklet for  
RGB(74, 149, 130) contains.

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# Color

**RGB(74, 149, 130)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4A9582
RGB	74, 149, 130
RGB Percent	29%, 58%, 51%
CMY	0.7098, 0.4157, 0.4902
CMYK	0.50, 0.00, 0.13, 0.42
HSL	165°, 34%, 44%
HSV	165°, 50%, 58%
XYZ	17.6008, 24.5624, 24.9325
YIQ	124.4090, -38.6010, -21.8090

# Conversions

## Conversions Part 2

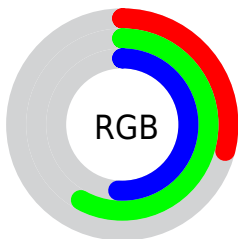
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	74, 117, 149
Decimal	4887938
CIE <sub>Lab</sub>	56.65, -28.14, 2.89
CIE <sub>LCh</sub>	57, 28.287, 174.126
Yxy	24.5624, 0.2623, 0.3661
Android (android.graphics.Color)	4283078018 (0xFF4A9582)
YUV	124.4090, 2.7564, -44.2087
Hunter-Lab	49.5605, -23.3390, 4.8653

# Details

The RGB color **74, 149, 130** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **149, 74, 93**, and the grayscale version is **124, 124, 124**.

A 20% lighter version of the original color is **128, 204, 183**, and **12, 98, 81** is the 20% darker color. If you saturate the color by 10%, you get **59, 149, 126**, and if you desaturate by 10%, it is **89, 149, 134**.

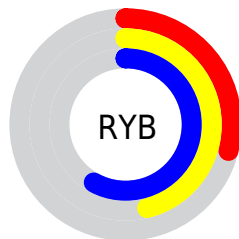
# Distribution



Red (29%)

Green (58%)

Blue (51%)



Red (29%)

Yellow (46%)

Blue (58%)

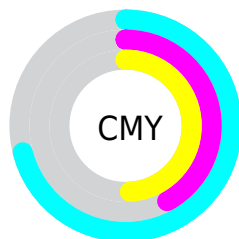


Cyan (50%)

Magenta (0%)

Yellow (13%)

Black (42%)



Cyan (71%)

Magenta (42%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 74, 149, 130 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, 130 by changing the saturation by 10% instead.





74, 149, 130



74, 149, 130

255, 255, 255



46, 123, 105



128, 204, 183



12, 98, 81



155, 232, 210



0, 73, 58



183, 255, 239



0, 50, 36



212, 255, 255



0, 31, 15



241, 255, 255



0, 0, 0



74, 149, 130



74, 149, 130



59, 149, 126



89, 149, 134



44, 149, 122



104, 149, 138

■ 29, 149, 119

■ 119, 149, 141

■ 14, 149, 115

■ 134, 149, 145

■ 0, 149, 111

■ 149, 149, 149

■ 163, 149, 153

■ 178, 149, 156

■ 193, 149, 160

■ 208, 149, 164

# Harmonies

## Analogous

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



104, 146, 106



74, 149, 130



51, 149, 155

# Triad

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



74, 149, 130



132, 131, 181



176, 124, 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, 130



149, 74, 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.



184, 118, 117



74, 149, 130



163, 123, 165

# Square

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



74, 149, 130



95, 140, 184



180, 118, 142



157, 133, 87

# Rectangle

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



74, 149, 130



52, 147, 169



180, 118, 142



180, 122, 103



# Sweetspot

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



74, 149, 130



165, 194, 186



94, 149, 74



79, 97, 92



224, 224, 224



97, 97, 97



# Same Dimension

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



74, 149, 130



78, 194, 164



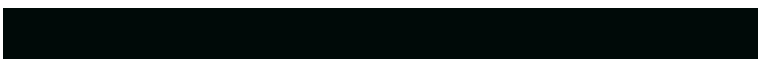
74, 132, 149



67, 74, 72



0, 138, 103



0, 10, 8



# Inverse Universe

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



149, 74, 93



194, 78, 107



149, 92, 74



74, 67, 68



138, 0, 35

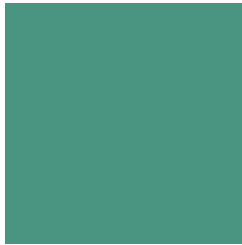


10, 0, 3



# Previews

## White Background



This preview shows how the RGB color 74, 149, 130 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, 130 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, 130 Background



This preview shows how black text looks on a background with the RGB color 74, 149, 130.



This preview shows how white text looks on a background with the RGB color 74, 149, 130.

# 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

82, 145, 157

# Trichromacy



**Original Color**

74, 149, 130

**Protanomaly**

117, 140, 125

**Deuteranomaly**

122, 138, 133

**Tritanomaly**

79, 146, 147

# Monochromacy



**Original Color**

74, 149, 130

**Achromatopsia**

124, 124, 124

**Achromatomaly**

106, 133, 126

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 74, 149, 130 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, 130)` looks like.

```
.text, #text, p{  
    color:rgb(74, 149, 130)  
}
```

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, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 149, 130) }
```

## Border

The CSS property to change the border of an element to RGB 74, 149, 130 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, 130) }
```

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

```
.border{ border-color:rgb(74, 149, 130) }
```

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, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(74, 149, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(74, 149, 130); box-shadow:4px 4px 4px 4px rgb(74, 149, 130) }
```

# Background

The CSS property to change the background color of an element to RGB 74, 149, 130 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, 130) }
```

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

```
.background{ background-color: rgb(74, 149,  
130) }
```

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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