Converting Colors

RGB(74, 109, 101)

Have a look what the booklet for RGB(74, 109, 101) contains.

Color

RGB(74, 109, 101)

Conversions

Format	Color
Hex	4A6D65
RGB	74, 109, 101
RGB Percent	29%, 43%, 40%
CMY	0.7098, 0.5725, 0.6039
CMYK	0.32, 0.00, 0.07, 0.57
HSL	166°, 19%, 36%
HSV	166°, 32%, 43%
XYZ	10.6416, 13.3327, 14.3245
YIQ	97.6230, -18.2920, -9.9080

Conversions Part 1

Conversions

Conversions Part 2

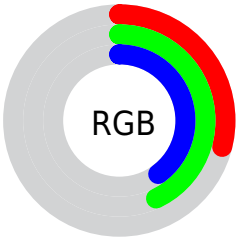
Format	Color
RYB	74, 94, 109
Decimal	4877669
CIELab	43.26, -14.45, 0.45
CIELCh	43, 14.453, 178.201
Yxy	13.3327, 0.2779, 0.3481
Android (android.graphics.Color)	4283067749 (0xFF4A6D65)
YUV	97.6230, 1.6649, -20.7174
Hunter-Lab	36.5140, -11.8774, 2.3002

Details

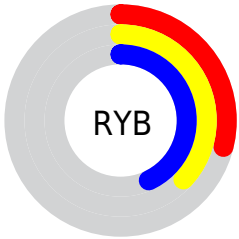
The RGB color 74, 109, 101 is a dark color, and the websafe version is hex 336666. A complement of this color would be 109, 74, 82, and the grayscale version is 98, 98, 98.

A 20% lighter version of the original color is 124, 161, 152, and 27, 61, 54 is the 20% darker color. If you saturate the color by 10%, you get 63, 109, 99, and if you desaturate by 10%, it is 85, 109, 103.

Distribution

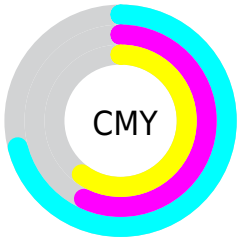


- Red (29%)
- Green (43%)
- Blue (40%)



- Red (29%)
- Yellow (37%)
- Blue (43%)

- Cyan (32%)
- Magenta (0%)
- Yellow (7%)
- Black (57%)



- Cyan (71%)
- Magenta (57%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RGB color 74, 109, 101 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, 109, 101 by changing the saturation by 10% instead.

74, 109, 101	74, 109, 101
255, 255, 255	50, 85, 77
124, 161, 152	27, 61, 54
150, 188, 179	4, 39, 33
177, 215, 206	0, 20, 10
205, 244, 234	0, 0, 0
233, 255, 255	

74, 109, 101	74, 109, 101
63, 109, 99	85, 109, 103
52, 109, 96	96, 109, 106

41, 109, 94

30, 109, 91

20, 109, 89

9, 109, 86

0, 109, 84

107, 109, 108

118, 109, 111

129, 109, 113

139, 109, 116

150, 109, 118

161, 109, 121

172, 109, 123

Harmonies

Analogous

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

85, 108, 89

74, 109, 101

69, 109, 113

Triad

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

74, 109, 101

103, 99, 123

122, 97, 82

Complementary

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

74, 109, 101

109, 74, 82

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.

127, 94, 91

74, 109, 101

117, 96, 115

Square

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

74, 109, 101

87, 103, 126

125, 94, 103

112, 101, 78

Rectangle

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

74, 109, 101

71, 108, 120

125, 94, 103

124, 96, 85

Sweetspot

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

74, 109, 101

129, 143, 140

82, 109, 74

63, 71, 69

199, 199, 199

71, 71, 71

Same Dimension

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

74, 109, 101

87, 143, 130

74, 100, 109

48, 54, 52

0, 117, 90

0, 245, 189

Inverse Universe

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

109, 74, 82

143, 87, 100

109, 83, 74

54, 48, 49

117, 0, 27

245, 0, 56

Previews

White Background

This preview shows how the RGB color 74, 109, 101 looks on a white 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

Black Background

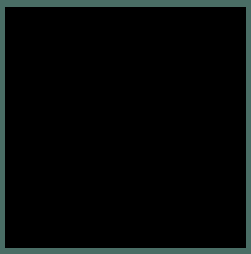
This preview shows how the RGB color 74, 109, 101 looks on a black background.

Color Contrast Check

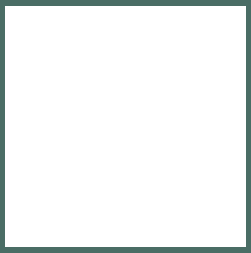
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 74, 109, 101 Background



This preview shows how black text looks on a background with the RGB color 74, 109, 101.



This preview shows how white text looks on a background with the RGB color 74, 109, 101.

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
74, 109, 101

Protanopia
105, 101, 97

Deuteranopia
111, 99, 103

Tritanopia
77, 107, 115

Trichromacy

Original Color
74, 109, 101

Protanomaly
94, 104, 98

Deuteranomaly
98, 103, 102

Tritanomaly
76, 108, 110

Monochromacy

Original Color
74, 109, 101

Achromatopsia
98, 98, 98

Achromatomaly
89, 102, 99

CSS Examples

Text

The CSS property to change the color of the text to RGB 74, 109, 101 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, 109, 101) looks like.

```
.text, #text, p{
    color:rgb(74, 109, 101)
}
```

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, 109, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 109, 101) }
```

Border

The CSS property to change the border of an element to RGB 74, 109, 101 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, 109, 101) }
```

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

```
.border{ border-color:rgb(74, 109, 101) }
```

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

Here you see how a box with a 4 pixel rgb(74, 109, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(74, 109, 101); -webkit-box-shadow:4px 4px 4px 4px rgb(74, 109, 101); box-shadow:4px 4px 4px 4px rgb(74, 109, 101) }
```

Background

The CSS property to change the background color of an element to RGB 74, 109, 101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(74, 109, 101) }
```

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

```
.background{ background-color:rgb(74, 109,
101) }
```

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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