Converting Colors

RGB(75, 184, 102)

Have a look what the booklet for RGB(75, 184, 102) contains.

Color

RGB(75, 184, 102)

Conversions

Conversions Part 1

Format	Color
Hex	4BB866
RGB	75, 184, 102
RGB Percent	29%, 72%, 40%
CMY	0.7059, 0.2784, 0.6000
CMYK	0.59, 0.00, 0.45, 0.28
HSL	135°, 43%, 51%
HSV	135°, 59%, 72%
XYZ	22.4404, 36.7361, 18.4784
YIQ	142.0610, -38.6420, -48.6100

Conversions

Conversions Part 2

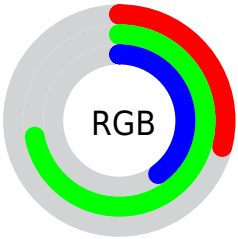
Format	Color
RYB	75, 162, 184
Decimal	4962406
CIELab	67.08, -49.07, 32.51
CIELCh	67, 58.859, 146.474
Yxy	36.7361, 0.2890, 0.4731
Android (android.graphics.Color)	4283152486 (0xFF4BB866)
YUV	142.0610, -19.7501, -58.8125
Hunter-Lab	60.6103, -39.9802, 24.3514

Details

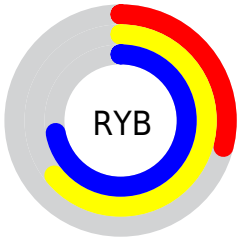
The RGB color 75, 184, 102 is a dark color, and the websafe version is hex 66CC66. A complement of this color would be 184, 75, 157, and the grayscale version is 142, 142, 142.

A 20% lighter version of the original color is 133, 241, 154, and 0, 130, 53 is the 20% darker color. If you saturate the color by 10%, you get 57, 184, 88, and if you desaturate by 10%, it is 93, 184, 116.

Distribution

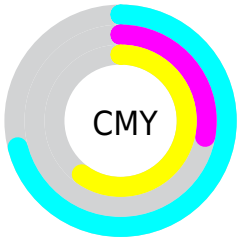


- Red (29%)
- Green (72%)
- Blue (40%)



- Red (29%)
- Yellow (64%)
- Blue (72%)

- Cyan (59%)
- Magenta (0%)
- Yellow (45%)
- Black (28%)



- Cyan (71%)
- Magenta (28%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RGB color 75, 184, 102 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 75, 184, 102 by changing the saturation by 10% instead.

75, 184, 102	75, 184, 102
255, 255, 255	42, 157, 77
133, 241, 154	0, 130, 53
162, 255, 181	0, 104, 29
191, 255, 209	0, 79, 4
220, 255, 238	0, 55, 0
250, 255, 255	0, 32, 0
	0, 0, 0

75, 184, 102	75, 184, 102
57, 184, 88	93, 184, 116

38, 184, 74

20, 184, 60

1, 184, 47

0, 184, 46

112, 184, 130

130, 184, 144

149, 184, 157

167, 184, 171

185, 184, 185

204, 184, 199

222, 184, 213

241, 184, 227

Harmonies

Analogous

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

146, 174, 61

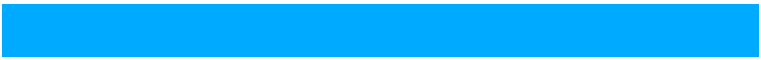
75, 184, 102

0, 189, 155

Triad

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

75, 184, 102



0, 171, 255

255, 120, 119

Complementary

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

75, 184, 102

184, 75, 157

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.

255, 116, 172

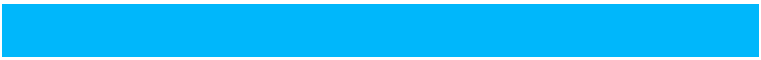
75, 184, 102

154, 152, 255

Square

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

75, 184, 102



0, 183, 251

222, 130, 223

237, 138, 75

Rectangle

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

75, 184, 102

0, 189, 192

222, 130, 223

255, 116, 136

Sweetspot

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

75, 184, 102

197, 240, 207

159, 184, 75

93, 120, 100

247, 247, 247

120, 120, 120

Same Dimension

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

75, 184, 102

70, 240, 112

75, 184, 155

83, 92, 85

0, 156, 39

0, 28, 7

Inverse Universe

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

184, 75, 157

240, 70, 198

184, 75, 104

92, 83, 90

156, 0, 117

28, 0, 21

Previews

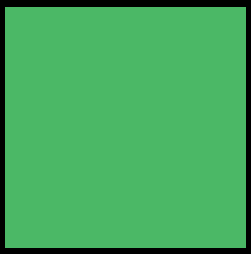
White Background

This preview shows how the RGB color 75, 184, 102 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail
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 75, 184, 102 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 ✓ Pass

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

RGB 75, 184, 102 Background

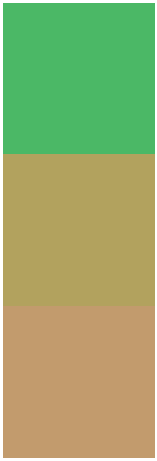
This preview shows how black text looks on a background with the RGB color 75, 184, 102.

This preview shows how white text looks on a background with the RGB color 75, 184, 102.

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
75, 184, 102

Protanopia
178, 162, 94

Deuteranopia
194, 155, 109

Tritanopia
99, 174, 188

Trichromacy

Original Color
75, 184, 102

Protanomaly
141, 170, 97

Deuteranomaly
151, 166, 106

Tritanomaly
90, 178, 157

Monochromacy

Original Color
75, 184, 102

Achromatopsia
142, 142, 142

Achromatomaly
118, 157, 127

CSS Examples

Text

The CSS property to change the color of the text to RGB 75, 184, 102 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(75, 184, 102) looks like.

```
.text, #text, p{
    color:rgb(75, 184, 102)
}
```

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(75, 184, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 184, 102) }
```

Border

The CSS property to change the border of an element to RGB 75, 184, 102 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(75, 184, 102) }
```

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

```
.border{ border-color:rgb(75, 184, 102) }
```

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

Here you see how a box with a 4 pixel rgb(75, 184, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(75, 184, 102); -webkit-box-shadow:4px 4px 4px 4px rgb(75, 184, 102); box-shadow:4px 4px 4px 4px rgb(75, 184, 102) }
```

Background

The CSS property to change the background color of an element to RGB 75, 184, 102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(75, 184, 102) }
```

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

```
.background{ background-color:rgb(75, 184,
102) }
```

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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