Converting Colors

RGB(92, 174, 50)

Have a look what the booklet for RGB(92, 174, 50) contains.

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Color

RGB(92, 174, 50)

Conversions

Conversions Part 1

Format	Color
Hex	5CAE32
RGB	92, 174, 50
RGB Percent	36%, 68%, 20%
CMY	0.6392, 0.3176, 0.8039
CMYK	0.47, 0.00, 0.71, 0.32
HSL	100°, 55%, 44%
HSV	100°, 71%, 68%
XYZ	20.1254, 32.7777, 8.2836
YIQ	135.3460, -9.0680, -55.9480

Conversions

Conversions Part 2

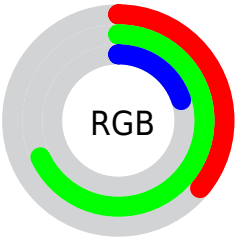
Format	Color
RYB	50, 174, 132
Decimal	6073906
CIELab	63.98, -46.73, 53.15
CIELCh	64, 70.772, 131.320
Yxy	32.7777, 0.3289, 0.5357
Android (android.graphics.Color)	4284263986 (0xFF5CAE32)
YUV	135.3460, -42.0756, -38.0144
Hunter-Lab	57.2518, -37.4436, 31.4977

Details

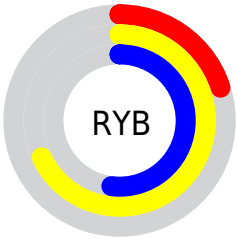
The RGB color 92, 174, 50 is a dark color, and the websafe version is hex 339900. A complement of this color would be 132, 50, 174, and the grayscale version is 136, 136, 136.

A 20% lighter version of the original color is 149, 230, 104, and 30, 121, 0 is the 20% darker color. If you saturate the color by 10%, you get 80, 174, 33, and if you desaturate by 10%, it is 104, 174, 67.

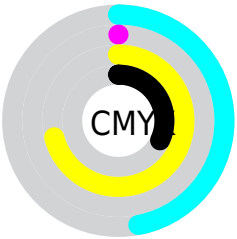
Distribution



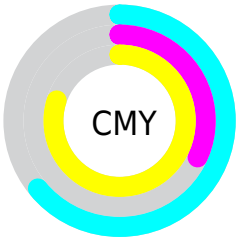
- Red (36%)
- Green (68%)
- Blue (20%)



- Red (20%)
- Yellow (68%)
- Blue (52%)



- Cyan (47%)
- Magenta (0%)
- Yellow (71%)
- Black (32%)



- Cyan (64%)
- Magenta (32%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the RGB color 92, 174, 50 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 92, 174, 50 by changing the saturation by 10% instead.

92, 174, 50

255, 255, 255

149, 230, 104

177, 255, 130

206, 255, 158

236, 255, 186

255, 255, 214

255, 255, 243

92, 174, 50

63, 147, 19

30, 121, 0

0, 95, 0

0, 71, 0

0, 48, 0

0, 22, 0

0, 0, 0

92, 174, 50

80, 174, 33

92, 174, 50

104, 174, 67

69, 174, 15

59, 174, 0

115, 174, 85

127, 174, 102

138, 174, 120

150, 174, 137

161, 174, 154

173, 174, 172

184, 174, 189

196, 174, 207

Harmonies

Analogous

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

163, 160, 0

92, 174, 50

0, 182, 112

Triad

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

92, 174, 50

0, 173, 255

255, 90, 134

Complementary

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

92, 174, 50

132, 50, 174

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.

248, 99, 197

92, 174, 50

47, 154, 255

Square

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

92, 174, 50

0, 182, 237

188, 127, 251

255, 110, 74

Rectangle

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

92, 174, 50

0, 184, 156

188, 127, 251

255, 89, 155

Sweetspot

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

92, 174, 50

195, 227, 179

174, 131, 50

96, 115, 86

242, 242, 242

115, 115, 115

Same Dimension

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

92, 174, 50

98, 227, 32

50, 174, 69

81, 87, 78

51, 150, 0

8, 23, 0

Inverse Universe

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

132, 50, 174

161, 32, 227

174, 50, 155

84, 78, 87

99, 0, 150

15, 0, 23

Previews

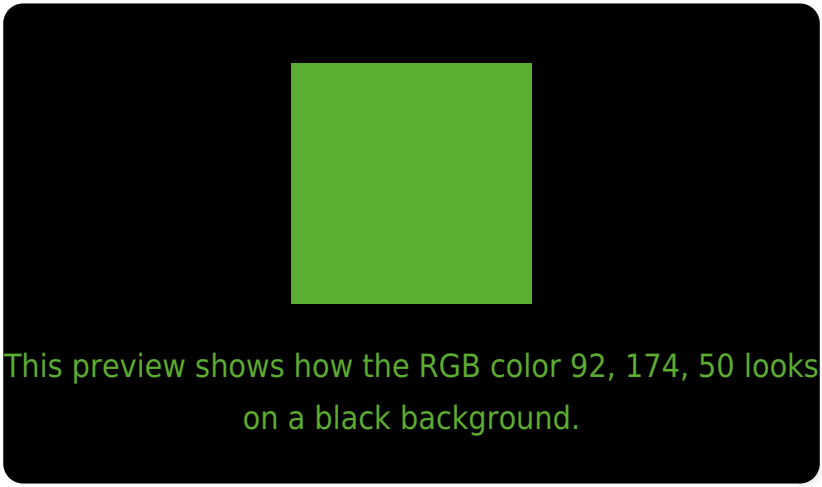
White Background

This preview shows how the RGB color 92, 174, 50 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



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 92, 174, 50 Background

This preview shows how black text looks on a background with the RGB color 92, 174, 50.

This preview shows how white text looks on a background with the RGB color 92, 174, 50.

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
92, 174, 50

Protanopia
173, 154, 45

Deuteranopia
192, 146, 60

Tritanopia
113, 162, 175

Trichromacy

Original Color
92, 174, 50

Protanomaly
144, 161, 47

Deuteranomaly
156, 156, 56

Tritanomaly
105, 166, 130

Monochromacy

Original Color
92, 174, 50

Achromatopsia
135, 135, 135

Achromatomaly
119, 149, 104

CSS Examples

Text

The CSS property to change the color of the text to RGB 92, 174, 50 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(92, 174, 50) looks like.

```
.text, #text, p{
    color:rgb(92, 174, 50)
}
```

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(92, 174, 50) colored shadow looks like.

Here you see how black text with a 4 pixel rgb(92, 174, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 174, 50) }
```

Border

The CSS property to change the border of an element to RGB 92, 174, 50 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(92, 174, 50) }
```

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

```
.border{ border-color:rgb(92, 174, 50) }
```

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

Here you see how a box with a 4 pixel rgb(92, 174, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(92, 174, 50); -webkit-box-shadow:4px 4px 4px 4px rgb(92, 174, 50); box-shadow:4px 4px 4px 4px rgb(92, 174, 50) }
```

Background

The CSS property to change the background color of an element to RGB 92, 174, 50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(92, 174, 50) }
```

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

```
.background{ background-color:rgb(92, 174, 50) }
```

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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