

Converting Colors

RGB(15, 148, 42)

Have a look what the booklet for
RGB(15, 148, 42) contains.

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Color

RGB(15, 148, 42)

Conversions

Conversions Part 1

Format	Color
Hex	0F942A
RGB	15, 148, 42
RGB Percent	6%, 58%, 16%
CMY	0.9412, 0.4196, 0.8353
CMYK	0.90, 0.00, 0.72, 0.42
HSL	132°, 82%, 32%
HSV	132°, 90%, 58%
XYZ	11.2048, 21.4485, 5.7399
YIQ	96.1490, -45.2420, -61.1620

Conversions

Conversions Part 2

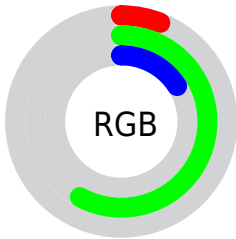
Format	Color
RYB	15, 126, 148
Decimal	1020970
CIELab	53.44, -54.13, 44.73
CIELCh	53, 70.220, 140.434
Yxy	21.4485, 0.2918, 0.5587
Android (android.graphics.Color)	4279211050 (0xFF0F942A)
YUV	96.1490, -26.6955, -71.1677
Hunter-Lab	46.3126, -37.8608, 25.0705

Details

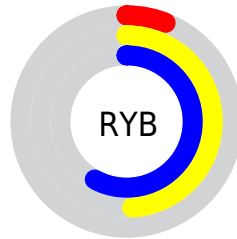
The RGB color **15, 148, 42** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **148, 15, 121**, and the grayscale version is **96, 96, 96**.

A 20% lighter version of the original color is **90, 203, 93**, and **0, 96, 0** is the 20% darker color. If you saturate the color by 10%, you get **0, 148, 30**, and if you desaturate by 10%, it is **30, 148, 54**.

Distribution



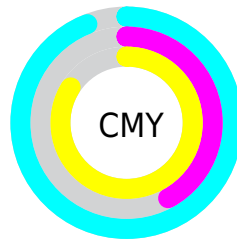
- Red (6%)
- Green (58%)
- Blue (16%)



- Red (6%)
- Yellow (49%)
- Blue (58%)



- Cyan (90%)
- Magenta (0%)
- Yellow (72%)
- Black (42%)




- Cyan (94%)
- Magenta (42%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the RGB color 15, 148, 42 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 15, 148, 42 by changing the saturation by 10% instead.


 15, 148, 42  15, 148, 42

255, 255, 255  0, 121, 12

 90, 203, 93  0, 96, 0

 120, 232, 120  0, 71, 0

 149, 255, 146  0, 48, 0

 178, 255, 174  0, 20, 0

 208, 255, 202  0, 0, 0

 238, 255, 230

 15, 148, 42  15, 148, 42

 0, 148, 30  30, 148, 54

■ 0, 148, 30

■ 45, 148, 66

■ 59, 148, 77

■ 74, 148, 89

■ 89, 148, 101

■ 104, 148, 113

■ 119, 148, 125

■ 133, 148, 136

■ 148, 148, 148

Harmonies

Analogous

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



115, 137, 0



15, 148, 42



0, 153, 106

Triad

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



15, 148, 42



0, 141, 248



233, 62, 89

Complementary

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



15, 148, 42



148, 15, 121

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.



225, 61, 150



15, 148, 42



77, 120, 242

Square

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



15, 148, 42



0, 151, 220



180, 90, 206



211, 91, 32

Rectangle

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



15, 148, 42



0, 155, 148



180, 90, 206



233, 57, 109

Sweetspot

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



15, 148, 42



140, 191, 150



121, 148, 15



66, 97, 72



224, 224, 224



97, 97, 97

Same Dimension

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



15, 148, 42



0, 191, 39



15, 148, 108



67, 74, 68



0, 138, 28



0, 10, 2

Inverse Universe

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



148, 15, 121



191, 0, 152



148, 15, 55



74, 67, 72



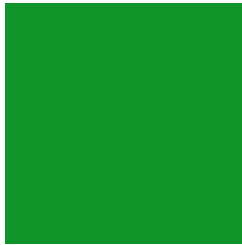
138, 0, 110



10, 0, 8

Previews

White Background



This preview shows how the RGB color 15, 148, 42 looks on a white background.

Color Contrast Check

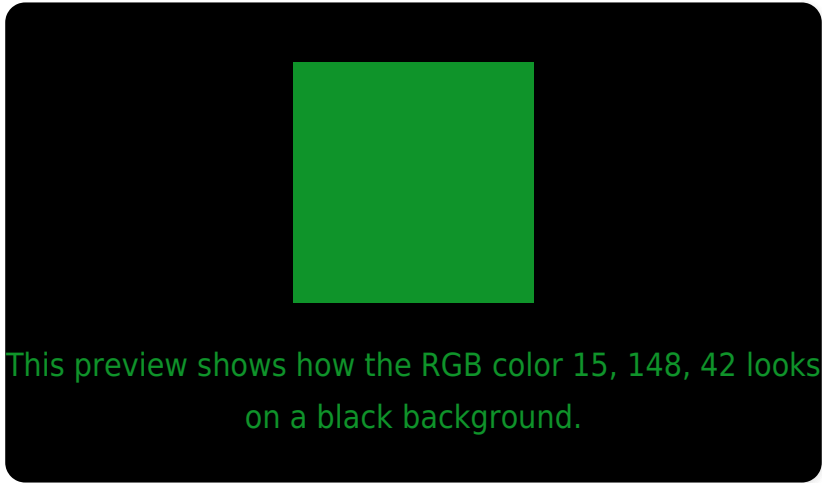
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

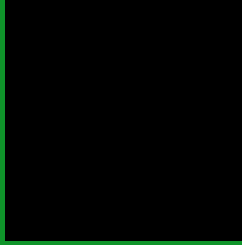
Any Text WCAG AA ✓ Pass

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 15, 148, 42 Background



This preview shows how black text looks on a background with the RGB color 15, 148, 42.



This preview shows how white text looks on a background with the RGB color 15, 148, 42.

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

15, 148, 42

Protanopia

142, 127, 37

Deuteranopia

158, 121, 52



Tritanopia
62, 138, 149

Trichromacy



Original Color

15, 148, 42



Protanomaly

96, 135, 39



Deuteranomaly

106, 131, 48



Tritanomaly

45, 142, 110

Monochromacy



Original Color

15, 148, 42



Achromatopsia

96, 96, 96



Achromatomaly

67, 115, 76

CSS Examples

Text

The CSS property to change the color of the text to RGB 15, 148, 42 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(15, 148, 42)` looks like.

```
.text, #text, p{  
    color:rgb(15, 148, 42)  
}
```

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(15, 148, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 148, 42) }
```

Border

The CSS property to change the border of an element to RGB 15, 148, 42 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(15, 148, 42) }
```

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

```
.border{ border-color:rgb(15, 148, 42) }
```

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

Here you see how a box with a 4 pixel rgb(15, 148, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 148, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 148, 42);  
box-shadow:4px 4px 4px 4px rgb(15, 148,  
42) }
```

Background

The CSS property to change the background color of an element to RGB 15, 148, 42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 148, 42) }
```

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

```
.background{ background-color: rgb(15, 148,  
42) }
```

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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