

Converting Colors

Decimal(368389)

Have a look what the booklet for
Decimal(368389) contains.

| | |
|--|----|
| Decimal(368389) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Decimal(368389)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 059F05 |
| RGB | 5, 159, 5 |
| RGB Percent | 2%, 62%, 2% |
| CMY | 0.9804, 0.3765, 0.9804 |
| CMYK | 0.97, 0.00, 0.97, 0.38 |
| HSL | 120°, 94%, 32% |
| HSV | 120°, 97%, 62% |
| XYZ | 12.4881, 24.8395, 4.2799 |
| YIQ | 95.3980, -42.3500, -80.5420 |

Conversions

Conversions Part 2

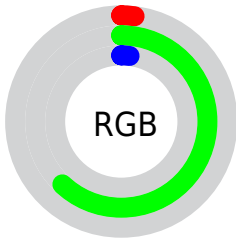
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 5, 159, 159 |
| Decimal | 368389 |
| CIELab | 56.92, -60.12, 57.72 |
| CIELCh | 57, 83.340, 136.165 |
| Yxy | 24.8395, 0.3001, 0.5970 |
| Android (android.graphics.Color) | 4278558469 (0xFF059F05) |
| YUV | 95.3980, -44.5662, -79.2790 |
| Hunter-Lab | 49.8392, -42.4923, 29.7960 |

Details

The Decimal color **368389** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **10421663**, and the grayscale version is **6316128**.

A 20% lighter version of the original color is **6149961**, and **27136** is the 20% darker color. If you saturate the color by 10%, you get **40704**, and if you desaturate by 10%, it is **1416981**.

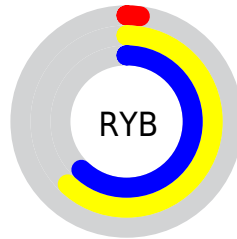
Distribution



Red (2%)

Green (62%)

Blue (2%)



Red (2%)

Yellow (62%)

Blue (62%)

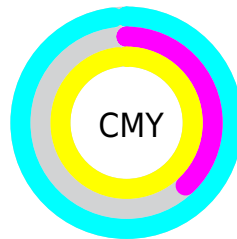


Cyan (97%)

Magenta (0%)

Yellow (97%)

Black (38%)



Cyan (98%)

Magenta (38%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 368389 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 Decimal color 368389 by changing the saturation by 10% instead.

 368389  368389

16777215  33792

 6149961  27136

 8123492  20480

 10092416  14336

 12058523  8192

 14024631  0

 16056276

 16777201

 368389  368389

■ 40704

■ 1416981

■ 2465573

■ 3514165

■ 4562757

■ 5611349

■ 6594404

■ 7642996

■ 8691588

■ 9740180

Harmonies

Analogous

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



8491264



368389



42595

Triad

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



368389



39935



16721765

Complementary

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



368389



10421663

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.



16199597



368389



34047

Square

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



368389



42481



12214255



15750172

Rectangle

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



368389



42902



12214255



16719741

Sweetspot

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



368389



9686931



10460933



4483396



15263976



6908265

Same Dimension

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



368389



52992



368466



4673351



36608



3840

Inverse Universe

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



10421663



13566159



10421586



5195599



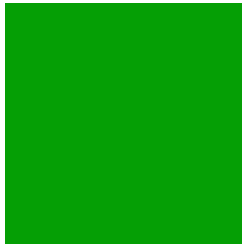
9371791



983055

Previews

White Background



This preview shows how the Decimal color 368389 looks on a white background.

Color Contrast Check

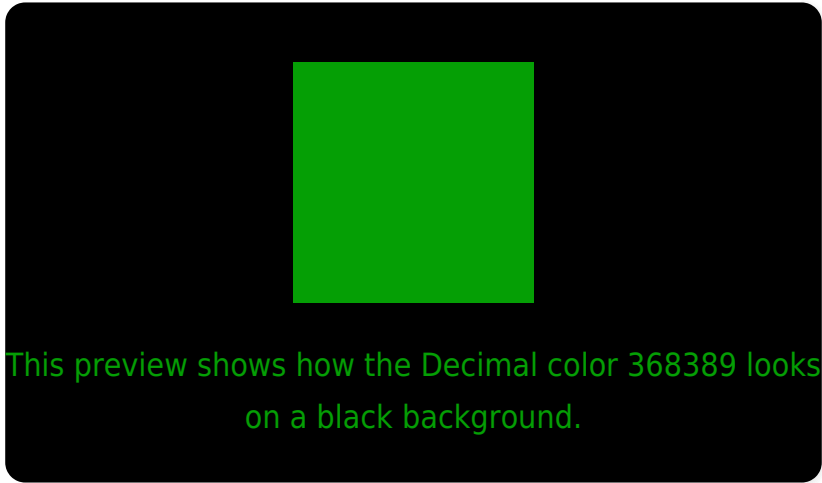
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).

Decimal 368389 Background



This preview shows how black text looks on a background with the Decimal color 368389.



This preview shows how white text looks on a background with the Decimal color 368389.

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
368389

Protanopia
10061824

Deuteranopia
11239715



Tritanopia
4428960

Trichromacy



Original Color
368389



Protanomaly
6524930



Deuteranomaly
7310360



Tritanomaly
2922600

Monochromacy



Original Color
368389



Achromatopsia
6250335



Achromatomaly
4093502

CSS Examples

Text

The CSS property to change the color of the text to Decimal 368389 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 #059F05 looks like.

```
.text, #text, p{  
    color:#059F05  
}
```

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 #059F05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #059F05
}
```

Border

The CSS property to change the border of an element to Decimal 368389 is called "border". The border property can be set on classes, ids or directly on the HTML element.

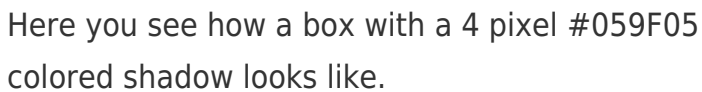
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#059F05 }
```

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

```
.border{ border-color:#059F05 }
```

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



Here you see how a box with a 4 pixel #059F05 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #059F05; -webkit-box-shadow:4px 4px  
4px 4px #059F05; box-shadow:4px 4px 4px  
4px #059F05 }
```

Background

The CSS property to change the background color of an element to Decimal 368389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#059F05 }
```

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

```
.background{ background-color:#059F05 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor