

# Converting Colors

Decimal(1025589)

Have a look what the booklet for  
Decimal(1025589) contains.

<b>Decimal(1025589)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Decimal(1025589)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0FA635
RGB	15, 166, 53
RGB Percent	6%, 65%, 21%
CMY	0.9412, 0.3490, 0.7922
CMYK	0.91, 0.00, 0.68, 0.35
HSL	135°, 83%, 35%
HSV	135°, 91%, 65%
XYZ	14.4758, 27.6310, 7.9385
YIQ	107.9690, -53.7230, -67.1550

# Conversions

## Conversions Part 2

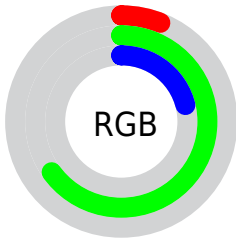
<b>Format</b>	<b>Color</b>
<b>RYB</b>	15, 136, 166
Decimal	1025589
CIELab	59.55, -58.65, 46.71
CIELCh	60, 74.977, 141.462
Yxy	27.6310, 0.2893, 0.5521
Android (android.graphics.Color)	4279215669 (0xFF0FA635)
YUV	107.9690, -27.0997, -81.5338
Hunter-Lab	52.5652, -42.8324, 27.8415

# Details

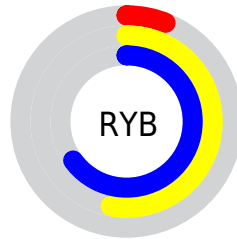
The Decimal color **1025589** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **10882944**, and the grayscale version is **7105644**.

A 20% lighter version of the original color is **6282857**, and **28672** is the 20% darker color. If you saturate the color by 10%, you get **42538**, and if you desaturate by 10%, it is **2139713**.

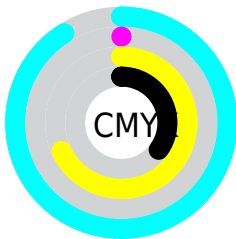
# Distribution



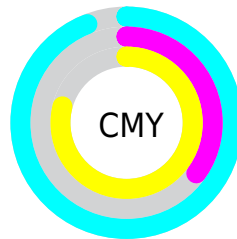
- Red (6%)
- Green (65%)
- Blue (21%)



- Red (6%)
- Yellow (53%)
- Blue (65%)



- Cyan (91%)
- Magenta (0%)
- Yellow (68%)
- Black (35%)



- Cyan (94%)
- Magenta (35%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 1025589 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 1025589 by changing the saturation by 10% instead.



 1025589

 1025589

16777215

 35609

 6282857

 28672

 8321923

 22272

 10289055

 15872

 12189626

 9984

 14155735

 0

 16187380

 1025589

 1025589

 42538

 2139713

■ 3188302

■ 4302426

■ 5351015

■ 6465139

■ 7579264

■ 8627852

■ 9741976

■ 10790565

# Harmonies

## Analogous

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



8362496



1025589



44154

# Triad

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



1025589



40447



16730724

# Complementary

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



1025589



10882944

# 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.



16402341



1025589



6326015

# Square

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



1025589



43510



13329891



15362341

# Rectangle

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



1025589



44456



13329891



16729209



# Sweetspot

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



1025589



10410413



8431119



4943443



15592941



7237230



# Same Dimension

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



1025589



55607



1025664



5002318



37925



5125



# Inverse Universe

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



10882944



14221474



10882869



5524562



9699439



1310735



# Previews

## White Background



This preview shows how the Decimal color 1025589 looks on a white background.

## Color Contrast Check

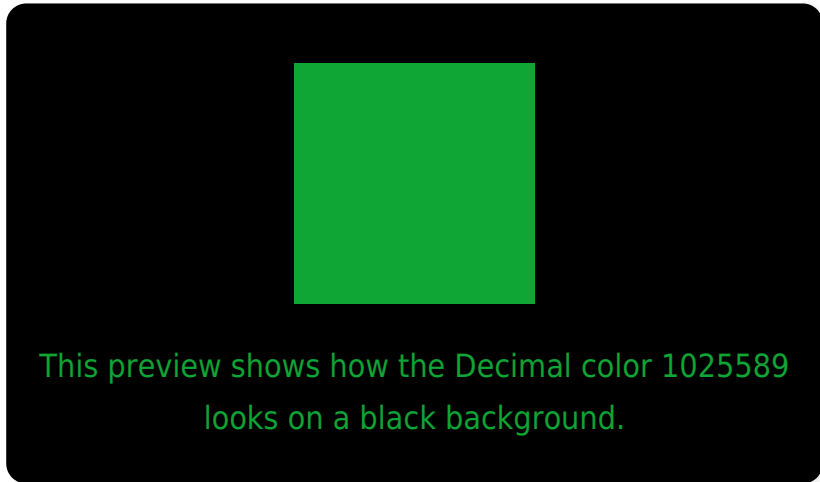
Large Text (above 18pt) WCAG AA ✓ Pass

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 1025589 Background



This preview shows how black text looks on a background with the Decimal color 1025589.



This preview shows how white text looks on a background with the Decimal color 1025589.

# 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**  
1025589

**Protanopia**  
10456879

**Deuteranopia**  
11568959



**Tritanopia**  
4561832

# Trichromacy



**Original Color**

1025589



**Protanomaly**

7051057



**Deuteranomaly**

7705147



**Tritanomaly**

3252094

# Monochromacy



**Original Color**

1025589



**Achromatopsia**

7105644



**Achromatomaly**

4882776

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 1025589 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 #0FA635 looks like.

```
.text, #text, p{  
  color:#0FA635  
}
```

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 #0FA635 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0FA635
}
```

## Border

The CSS property to change the border of an element to Decimal 1025589 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
#0FA635 }
```

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

```
.border{ border-color:#0FA635 }
```

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

Here you see how a box with a 4 pixel #0FA635 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0FA635; -webkit-box-shadow:4px 4px  
4px 4px #0FA635; box-shadow:4px 4px 4px  
4px #0FA635 }
```

# Background

The CSS property to change the background color of an element to Decimal 1025589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0FA635 }
```

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

```
.background{ background-color:#0FA635 }
```

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