

# Converting Colors

Decimal(679689)

Have a look what the booklet for  
Decimal(679689) contains.

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# Color

**Decimal(679689)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0A5F09
RGB	10, 95, 9
RGB Percent	4%, 37%, 4%
CMY	0.9608, 0.6275, 0.9647
CMYK	0.89, 0.00, 0.91, 0.63
HSL	119°, 83%, 20%
HSV	119°, 91%, 37%
XYZ	4.2667, 8.2687, 1.6296
YIQ	59.7810, -23.0540, -44.7660

# Conversions

## Conversions Part 2

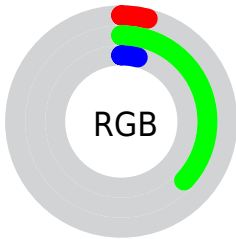
<b>Format</b>	<b>Color</b>
<b>RYB</b>	9, 95, 94
Decimal	679689
CIELab	34.54, -40.13, 37.84
CIELCh	35, 55.159, 136.678
Yxy	8.2687, 0.3012, 0.5837
Android (android.graphics.Color)	4278869769 (0xFF0A5F09)
YUV	59.7810, -25.0350, -43.6579
Hunter-Lab	28.7553, -23.8361, 16.7687

# Details

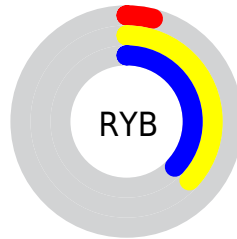
The Decimal color **679689** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **6162783**, and the grayscale version is **3947580**.

A 20% lighter version of the original color is **4821821**, and **12032** is the 20% darker color. If you saturate the color by 10%, you get **89856**, and if you desaturate by 10%, it is **1269522**.

# Distribution



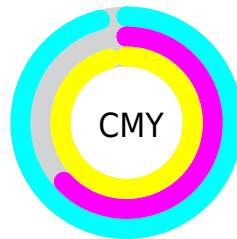
- Red (4%)
- Green (37%)
- Blue (4%)



- Red (4%)
- Yellow (37%)
- Blue (37%)



- Cyan (89%)
- Magenta (0%)
- Yellow (91%)
- Black (63%)



- Cyan (96%)
- Magenta (63%)
- Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 679689 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 679689 by changing the saturation by 10% instead.





679689



679689



16777209



18176



4821821



12032



6597974



6144



8440175



0



10216841



12058532



13959104



15859676



679689



679689

■ 89856

■ 1269522

■ 1924892

■ 2514726

■ 3170095

■ 3759929

■ 4349762

■ 5005132

■ 5594965

■ 6250335

# Harmonies

## Analogous

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



5068544



679689



25403

# Triad

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



679689



23719



10296123

# Complementary

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



679689



6162783

# 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.



9772647



679689



282278

# Square

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



679689



25489



7354510



9450256

# Rectangle

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



679689



25690



7354510



10295113



# Sweetspot

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



679689



5929561



6249993



2768170



12434877



4013373



# Same Dimension

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



679689



96768



614195



2895916



94208



258048



# Inverse Universe

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



6162783



7929978



6228277



3157040



7274608

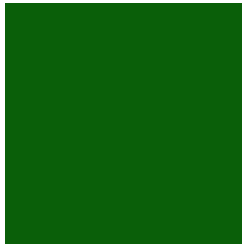


15532272



# Previews

## White Background



This preview shows how the Decimal color 679689 looks on a white background.

## Color Contrast Check

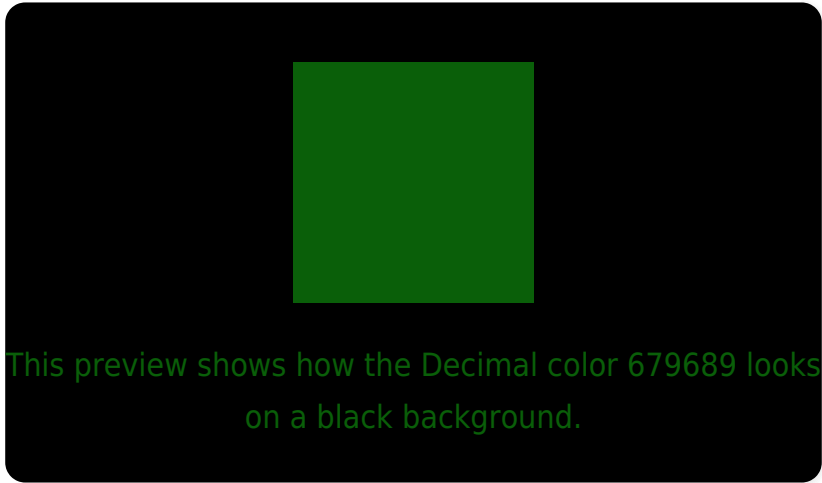
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

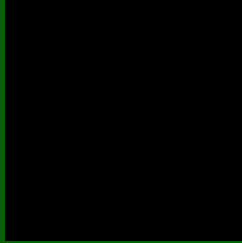
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 679689 Background



This preview shows how black text looks on a background with the Decimal color 679689.



This preview shows how white text looks on a background with the Decimal color 679689.

# 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**  
679689

**Protanopia**  
6050048

**Deuteranopia**  
6704406



# Trichromacy



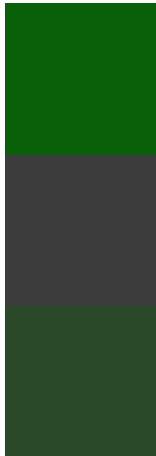
**Original Color**  
679689

**Protanomaly**  
4085251

**Deuteranomaly**  
4543505

**Tritanomaly**  
1989440

# Monochromacy



**Original Color**  
679689

**Achromatopsia**  
3947580

**Achromatomaly**  
2771241

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 679689 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 #0A5F09 looks like.

```
.text, #text, p{  
    color:#0A5F09  
}
```

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 #0A5F09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A5F09
}
```

## Border

The CSS property to change the border of an element to Decimal 679689 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".

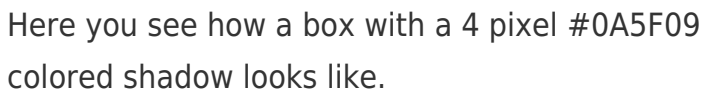
```
.border, #border, table{ border:4px solid
#0A5F09 }
```

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

```
.border{ border-color:#0A5F09 }
```

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

Here you see how a box with a 4 pixel #0A5F09 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A5F09; -webkit-box-shadow:4px 4px  
4px 4px #0A5F09; box-shadow:4px 4px 4px  
4px #0A5F09 }
```

# Background

The CSS property to change the background color of an element to Decimal 679689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A5F09 }
```

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

```
.background{ background-color:#0A5F09 }
```

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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