

# Converting Colors

Decimal(3759104)

Have a look what the booklet for  
Decimal(3759104) contains.

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**Color**

**Decimal(3759104)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	395C00
RGB	57, 92, 0
RGB Percent	22%, 36%, 0%
CMY	0.7765, 0.6392, 1.0000
CMYK	0.38, 0.00, 1.00, 0.64
HSL	83°, 100%, 18%
HSV	83°, 100%, 36%
XYZ	5.5145, 8.5241, 1.3547
YIQ	71.0470, 8.6720, -36.0320

# Conversions

## Conversions Part 2

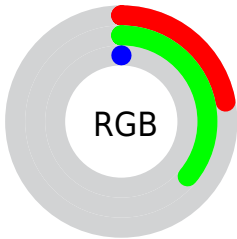
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 92, 35
Decimal	3759104
CIELab	35.05, -26.49, 41.68
CIElCh	35, 49.380, 122.436
Yxy	8.5241, 0.3582, 0.5538
Android (android.graphics.Color)	4281949184 (0xFF395C00)
YUV	71.0470, -35.0262, -12.3192
Hunter-Lab	29.1961, -17.3787, 17.6863

# Details

The Decimal color **3759104** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **2293852**, and the grayscale version is **4671303**.

A 20% lighter version of the original color is **7114551**, and **208384** is the 20% darker color. If you saturate the color by 10%, you get **3759104**, and if you desaturate by 10%, it is **4021257**.

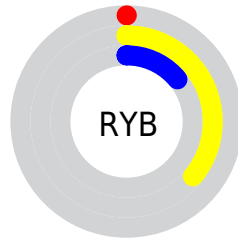
# Distribution



Red (22%)

Green (36%)

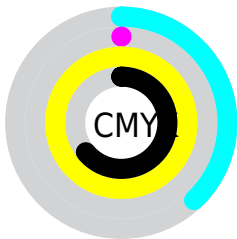
Blue (0%)



Red (0%)

Yellow (36%)

Blue (14%)

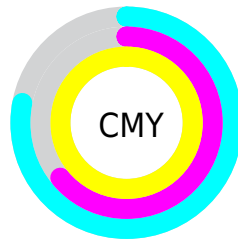


Cyan (38%)

Magenta (0%)

Yellow (100%)

Black (64%)



Cyan (78%)

Magenta (64%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 3759104 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 3759104 by changing the saturation by 10% instead.




 3759104

 3759104

 16777203

 2180096

 7114551

 208384

 8890704

 6656

 10667113

 0

 12509316

 14351774

 16252858

 16777174

 3759104

 4021257

 4217874

 4480028

 4676645

 4938798

 5135415

 5397568

 5594186

 5856339

# Harmonies

## Analogous

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



6377984



3759104



25132

# Triad

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



3759104



24728



9905745

# Complementary

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



3759104



2293852

# 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.



8663672



3759104



22178

# Square

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



3759104



25724



5588630



9711659

# Rectangle

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



3759104



25415



5588630



9644126



# Sweetspot

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



3759104



6977620



6038016



3489063



12434877



4013373



# Same Dimension

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



3759104



4880384



809984



2895401



4484608



9694464



# Inverse Universe

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



2293852



3014776



5242972



2828590



2752622



5898477



# Previews

## White Background



This preview shows how the Decimal color 3759104 looks on a white background.

## Color Contrast Check

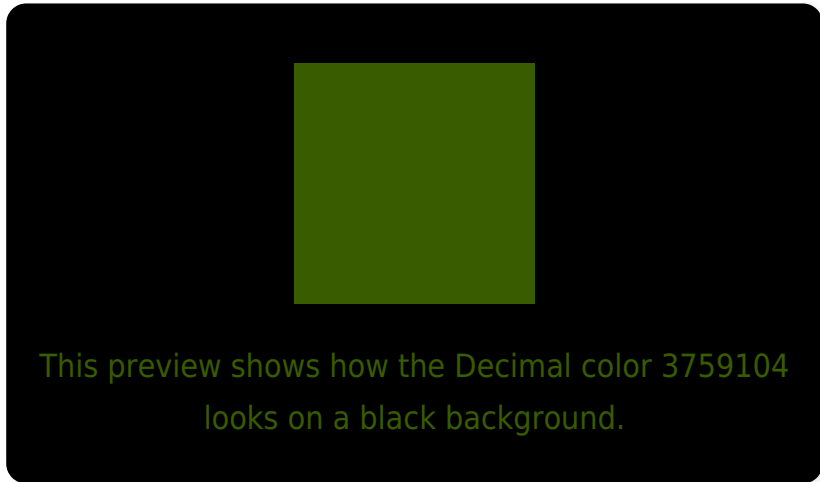
Large Text (above 18pt) WCAG AA ✓ Pass

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

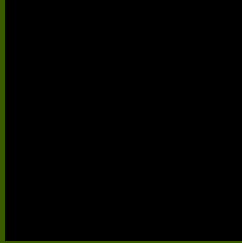
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 3759104 Background



This preview shows how black text looks on a background with the Decimal color 3759104.



This preview shows how white text looks on a background with the Decimal color 3759104.

# 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**  
3759104

**Deuteranopia**  
6835730

**Tritanopia**  
4413020

# Trichromacy



**Original Color**  
3759104

**Deuteranomaly**  
5722891

**Tritanomaly**  
4151355

# Monochromacy



**Original Color**  
3759104

**Achromatopsia**  
4671303

**Achromatomaly**  
4345645

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 3759104 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 #395C00 looks like.

```
.text, #text, p{  
  color:#395C00  
}
```

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 #395C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #395C00
}
```

## Border

The CSS property to change the border of an element to Decimal 3759104 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
#395C00 }
```

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

```
.border{ border-color:#395C00 }
```

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

Here you see how a box with a 4 pixel #395C00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #395C00; -webkit-box-shadow:4px 4px  
4px 4px #395C00; box-shadow:4px 4px 4px  
4px #395C00 }
```

# Background

The CSS property to change the background color of an element to Decimal 3759104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#395C00 }
```

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

```
.background{ background-color:#395C00 }
```

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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