

# Converting Colors

Decimal(351744)

Have a look what the booklet for  
Decimal(351744) contains.

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# Color

**Decimal(351744)**

# Conversions

## Conversions Part 1

Format	Color
Hex	055E00
RGB	5, 94, 0
RGB Percent	2%, 37%, 0%
CMY	0.9804, 0.6314, 1.0000
CMYK	0.95, 0.00, 1.00, 0.63
HSL	117°, 100%, 18%
HSV	117°, 100%, 37%
XYZ	4.0653, 8.0377, 1.3372
YIQ	56.6730, -22.8700, -48.1020

# Conversions

## Conversions Part 2

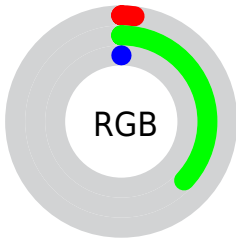
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 94, 89
Decimal	351744
CIELab	34.06, -40.92, 40.17
CIELCh	34, 57.343, 135.532
Yxy	8.0377, 0.3025, 0.5980
Android (android.graphics.Color)	4278541824 (0xFF055E00)
YUV	56.6730, -27.9398, -45.3172
Hunter-Lab	28.3508, -24.0183, 17.0491

# Details

The Decimal color **351744** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **5832798**, and the grayscale version is **3750201**.

A 20% lighter version of the original color is **4755767**, and **12032** is the 20% darker color. If you saturate the color by 10%, you get **351744**, and if you desaturate by 10%, it is **941577**.

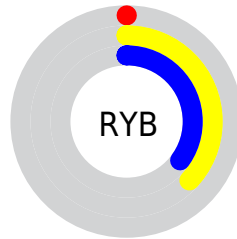
# Distribution



Red (2%)

Green (37%)

Blue (0%)



Red (0%)

Yellow (37%)

Blue (35%)

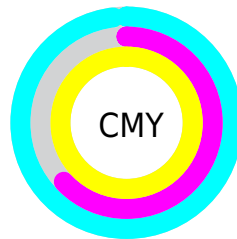


Cyan (95%)

Magenta (0%)

Yellow (100%)

Black (63%)



Cyan (98%)

Magenta (63%)

Yellow (100%)

# Brightness & Saturation Gradients


These gradients show how the Decimal color 351744 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 351744 by changing the saturation by 10% instead.




 351744       351744

 16777202       17920

 4755767       12032

 6532176       5888

 8308841       0

 10151043

 11992990

 13828025

 15794134

 351744

■ 941577

■ 1531411

■ 2121244

■ 2711078

■ 3300911

■ 3825208

■ 4415042

■ 5004875

■ 5594709

# Harmonies

## Analogous

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



5068032



351744



25144

# Triad

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



351744



23721



10359355

# Complementary

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



351744



5832798

# 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.



9771112



351744



20137

# Square

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



351744



25233



7223185



9514509

# Rectangle

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



351744



25432



7223185



10358090



# Sweetspot

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



351744



5798486



6182912



2637095



12434877



4013373



# Same Dimension

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



351744



489984



24105



2764329



421376



912640



# Inverse Universe

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



5832798



7602298



6160437



3025198



6815854

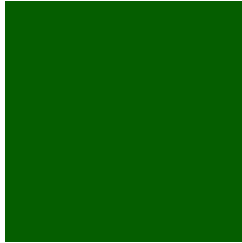


14745837



# Previews

## White Background



This preview shows how the Decimal color 351744 looks on a white background.

## Color Contrast Check

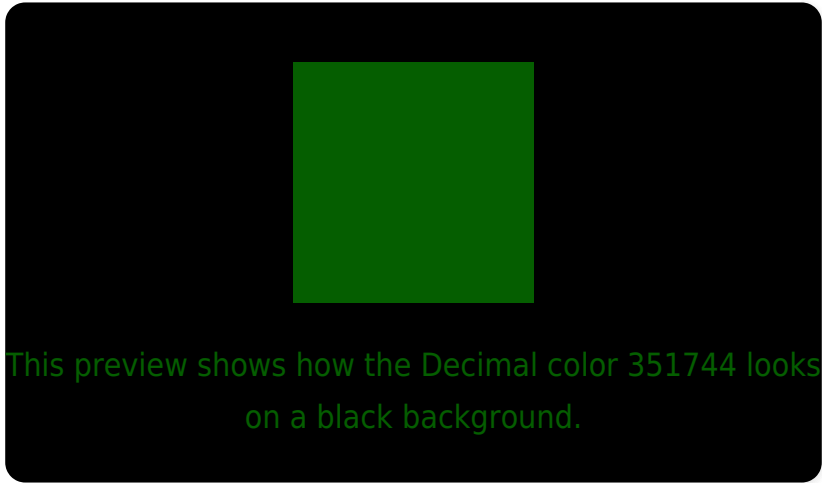
Large Text (above 18pt) WCAG AA ✓ Pass

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 351744 Background



This preview shows how black text looks on a background with the Decimal color 351744.



This preview shows how white text looks on a background with the Decimal color 351744.

# 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](#).

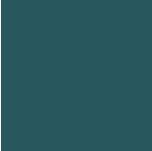
## Dichromacy



**Original Color**  
351744

**Protanopia**  
5984256

**Deuteranopia**  
6638612



**Tritanopia**  
2643806

# Trichromacy



**Original Color**  
351744

**Protanomaly**  
3953920

**Deuteranomaly**  
4346637

**Tritanomaly**  
1792572

# Monochromacy



**Original Color**  
351744

**Achromatopsia**  
3750201

**Achromatomaly**  
2508324

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 351744 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 #055E00 looks like.

```
.text, #text, p{  
    color:#055E00  
}
```

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 #055E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #055E00
}
```

## Border

The CSS property to change the border of an element to Decimal 351744 is called "border". The border property can be set on classes, ids or directly on the HTML element.

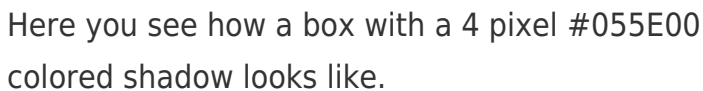
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#055E00 }
```

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

```
.border{ border-color:#055E00 }
```

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



Here you see how a box with a 4 pixel #055E00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #055E00; -webkit-box-shadow:4px 4px  
4px 4px #055E00; box-shadow:4px 4px 4px  
4px #055E00 }
```

# Background

The CSS property to change the background color of an element to Decimal 351744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#055E00 }
```

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

```
.background{ background-color:#055E00 }
```

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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