

# Converting Colors

Decimal(3583744)

Have a look what the booklet for  
Decimal(3583744) contains.

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**Color**

**Decimal(3583744)**

# Conversions

## Conversions Part 1

Format	Color
Hex	36AF00
RGB	54, 175, 0
RGB Percent	21%, 69%, 0%
CMY	0.7882, 0.3137, 1.0000
CMYK	0.69, 0.00, 1.00, 0.31
HSL	101°, 100%, 34%
HSV	101°, 100%, 69%
XYZ	16.8513, 31.4442, 5.1812
YIQ	118.8710, -15.9410, -80.0770

# Conversions

## Conversions Part 2

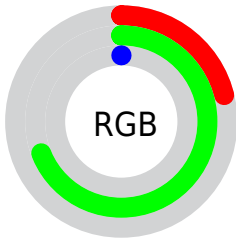
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 175, 121
Decimal	3583744
CIELab	62.88, -59.11, 63.53
CIELCh	63, 86.777, 132.940
Yxy	31.4442, 0.3151, 0.5880
Android (android.graphics.Color)	4281773824 (0xFF36AF00)
YUV	118.8710, -58.6034, -56.8919
Hunter-Lab	56.0751, -44.4900, 33.7744

# Details

The Decimal color **3583744** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **7930031**, and the grayscale version is **7829367**.

A 20% lighter version of the original color is **7858251**, and **30976** is the 20% darker color. If you saturate the color by 10%, you get **3583744**, and if you desaturate by 10%, it is **4370193**.

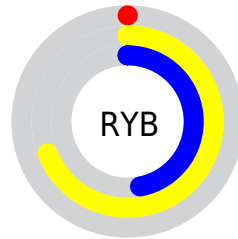
# Distribution



Red (21%)

Green (69%)

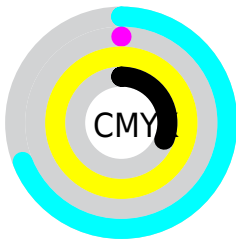
Blue (0%)



Red (0%)

Yellow (69%)

Blue (47%)

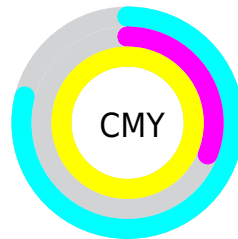


Cyan (69%)

Magenta (0%)

Yellow (100%)

Black (31%)



Cyan (79%)

Magenta (31%)



















Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 3583744 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 3583744 by changing the saturation by 10% instead.




 3583744	 3583744
 16777215	 37888
 7858251	 30976
 9830247	 24320
 11796355	 17920
 13762463	 12032
 15728571	 4608
 16777176	 0
 16777206	
 3583744	

 4370193

 5156643

 5943093

 6729542

 7515992

 8367977

 9154426

 9940876

 10727326

# Harmonies

## Analogous

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



10067712



3583744



46952

# Triad

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



3583744



44543



16725114

# Complementary

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



3583744



7930031

# 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.



16729031



3583744



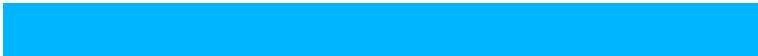
38911

# Square

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



3583744



47103



12808703



16735536

# Rectangle

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



3583744



47518



12808703



16724372



# Sweetspot

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



3583744



11854751



11499520



5665609



15921906



7566195



# Same Dimension

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



3583744



4645632



44832



5330766



3053056



464640



# Inverse Universe

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



7930031



10289379



11468943



5525079



6815894

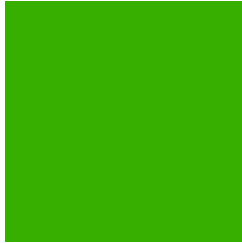


1048599



# Previews

## White Background



This preview shows how the Decimal color 3583744 looks on a white background.

## Color Contrast Check

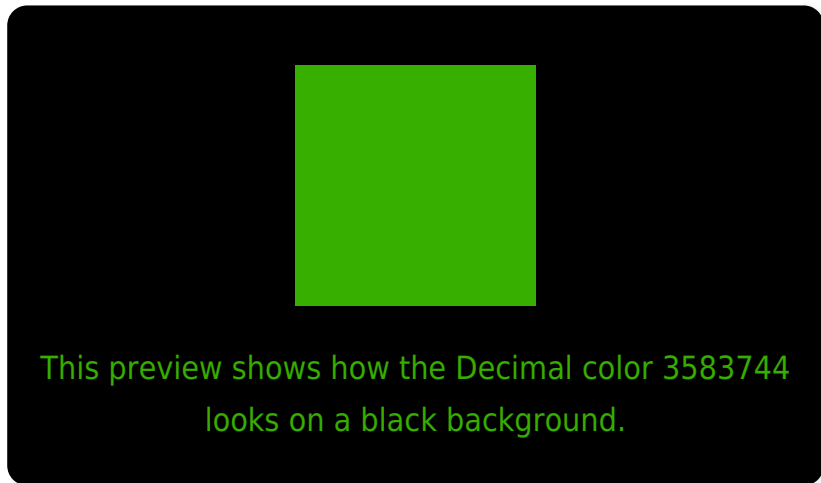
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

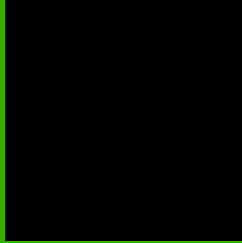
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 3583744 Background



This preview shows how black text looks on a background with the Decimal color 3583744.



This preview shows how white text looks on a background with the Decimal color 3583744.

# 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](#).

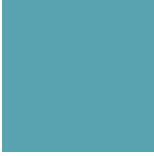
## Dichromacy



**Original Color**  
3583744

**Protanopia**  
11179776

**Deuteranopia**  
12488485



**Tritanopia**  
5874608

# Trichromacy



**Original Color**

3583744



**Protanomaly**

8429568



**Deuteranomaly**

9280280



**Tritanomaly**

5023600

# Monochromacy



**Original Color**

3583744



**Achromatopsia**

7829367



**Achromatomaly**

6261580

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 3583744 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 #36AF00 looks like.

```
.text, #text, p{  
    color:#36AF00  
}
```

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 #36AF00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36AF00
}
```

## Border

The CSS property to change the border of an element to Decimal 3583744 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".

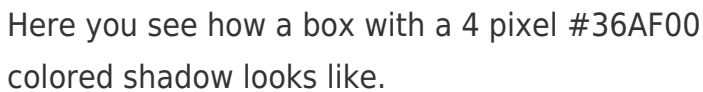
```
.border, #border, table{ border:4px solid
#36AF00 }
```

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

```
.border{ border-color:#36AF00 }
```

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

Here you see how a box with a 4 pixel #36AF00 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36AF00; -webkit-box-shadow:4px 4px  
4px 4px #36AF00; box-shadow:4px 4px 4px  
4px #36AF00 }
```

# Background

The CSS property to change the background color of an element to Decimal 3583744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36AF00 }
```

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

```
.background{ background-color:#36AF00 }
```

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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