

# Converting Colors

Decimal(3583263)

Have a look what the booklet for  
Decimal(3583263) contains.

<b>Decimal(3583263)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(3583263)**

# Conversions

## Conversions Part 1

Format	Color
Hex	36AD1F
RGB	54, 173, 31
RGB Percent	21%, 68%, 12%
CMY	0.7882, 0.3216, 0.8784
CMYK	0.69, 0.00, 0.82, 0.32
HSL	110°, 70%, 40%
HSV	110°, 82%, 68%
XYZ	16.7122, 30.7703, 6.3548
YIQ	121.2310, -25.3420, -69.3900

# Conversions

## Conversions Part 2

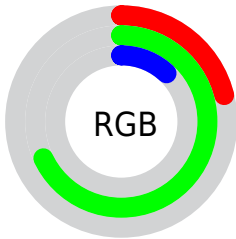
Format	Color
<a href="#">RYB</a>	<a href="#">31, 173, 150</a>
Decimal	<a href="#">3583263</a>
CIELab	<a href="#">62.31, -57.44, 57.44</a>
CIElCh	<a href="#">62, 81.237, 134.999</a>
Yxy	<a href="#">30.7703, 0.3104, 0.5715</a>
Android (android.graphics.Color)	<a href="#">4281773343 (0xFF36AD1F)</a>
YUV	<a href="#">121.2310, -44.4839, -58.9616</a>
Hunter-Lab	<a href="#">55.4710, -43.2961, 32.0374</a>

# Details

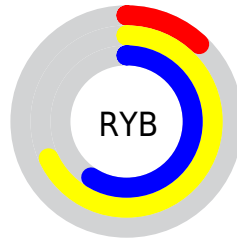
The Decimal color **3583263** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **9838509**, and the grayscale version is **8026746**.

A 20% lighter version of the original color is **7792217**, and **30464** is the 20% darker color. If you saturate the color by 10%, you get **2665742**, and if you desaturate by 10%, it is **4500784**.

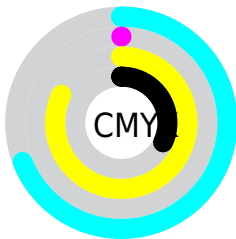
# Distribution



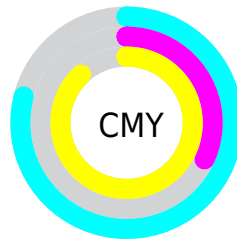
- Red (21%)
- Green (68%)
- Blue (12%)



- Red (12%)
- Yellow (68%)
- Blue (59%)



- Cyan (69%)
- Magenta (0%)
- Yellow (82%)
- Black (32%)



- Cyan (79%)
- Magenta (32%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 3583263 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 3583263 by changing the saturation by 10% instead.



 3583263

 3583263

16777215

 37376

 7792217

 30464

 9699188

 23808

 11665295

 17408

 13631403

 11776

 15597511

 3840

 16777188

 0

 3583263

 3583263

 2665742

 4500784

■ 1879296

■ 5483842

■ 6401363

■ 7384420

■ 8301942

■ 9284999

■ 10202520

■ 11185577

■ 12103099

# Harmonies

## Analogous

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



9740032



3583263



46191

# Triad

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



3583263



43519



16728694

# Complementary

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



3583263



9838509

# 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.



16730814



3583263



627711

# Square

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



3583263



46332



13005054



16737073

# Rectangle

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



3583263



46753



13005054



16727950



# Sweetspot

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



3583263



11657384



11375903



5533775



15790320



7368816



# Same Dimension

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



3583263



2678788



2075982



5199694



1611264



268032



# Inverse Universe

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



9838509



12387552



11345790



5590615



8257686



1245207



# Previews

## White Background



This preview shows how the Decimal color 3583263 looks on a white background.

## Color Contrast Check

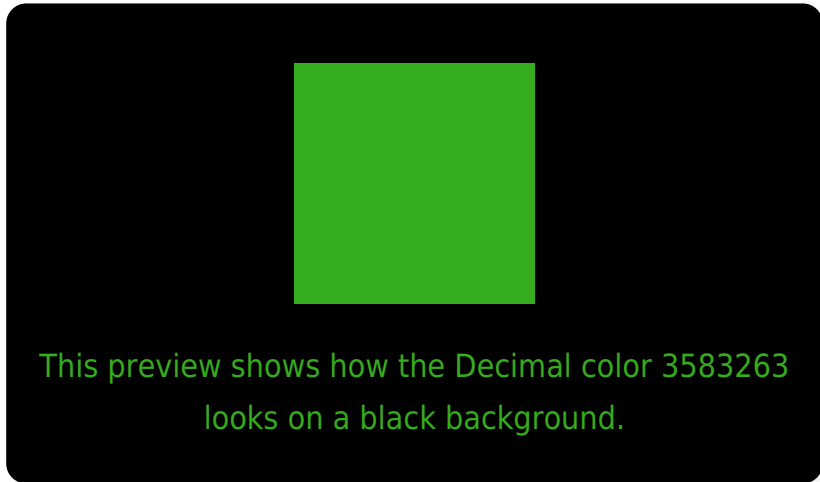
Large Text (above 18pt) WCAG AA × Fail

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

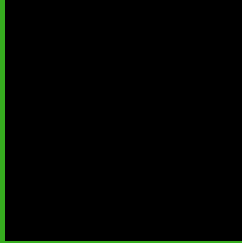
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 3583263 Background



This preview shows how black text looks on a background with the Decimal color 3583263.



This preview shows how white text looks on a background with the Decimal color 3583263.

# 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](#).

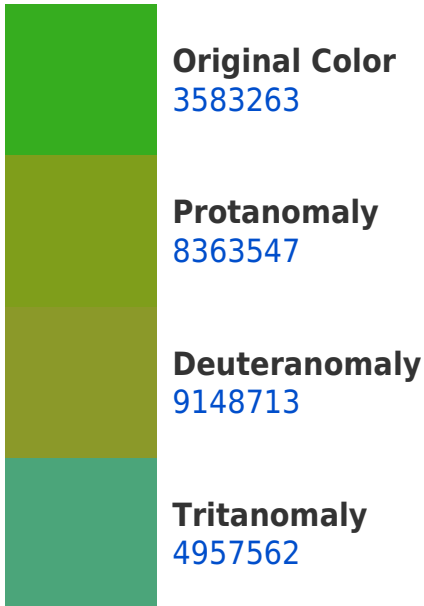
## Dichromacy





**Tritanopia**  
5743022

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 3583263 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 #36AD1F looks like.

```
.text, #text, p{  
    color:#36AD1F  
}
```

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 #36AD1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36AD1F
}
```

## Border

The CSS property to change the border of an element to Decimal 3583263 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
#36AD1F }
```

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

```
.border{ border-color:#36AD1F }
```

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

Here you see how a box with a 4 pixel #36AD1F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36AD1F; -webkit-box-shadow:4px 4px  
4px 4px #36AD1F; box-shadow:4px 4px 4px  
4px #36AD1F }
```

# Background

The CSS property to change the background color of an element to Decimal 3583263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36AD1F }
```

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

```
.background{ background-color:#36AD1F }
```

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