

# Converting Colors

Decimal(5847309)

Have a look what the booklet for  
Decimal(5847309) contains.

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**Color**

**Decimal(5847309)**

# Conversions

## Conversions Part 1

Format	Color
Hex	59390D
RGB	89, 57, 13
RGB Percent	35%, 22%, 5%
CMY	0.6510, 0.7765, 0.9490
CMYK	0.00, 0.36, 0.85, 0.65
HSL	35°, 75%, 20%
HSV	35°, 85%, 35%
XYZ	5.6556, 5.0792, 1.0631
YIQ	61.5520, 33.1960, -6.9000

# Conversions

## Conversions Part 2

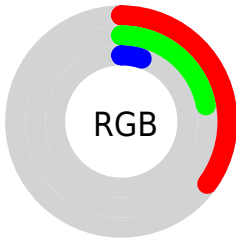
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	68, 89, 13
Decimal	5847309
CIE <sub>Lab</sub>	26.96, 10.03, 31.32
CIE <sub>LCh</sub>	27, 32.889, 72.238
Yxy	5.0792, 0.4794, 0.4305
Android (android.graphics.Color)	4284037389 (0xFF59390D)
YUV	61.5520, -23.9361, 24.0719
Hunter-Lab	22.5370, 5.3544, 12.9792

# Details

The Decimal color **5847309** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **863577**, and the grayscale version is **4079166**.

A 20% lighter version of the original color is **9332795**, and **2559744** is the 20% darker color. If you saturate the color by 10%, you get **5846276**, and if you desaturate by 10%, it is **5848342**.

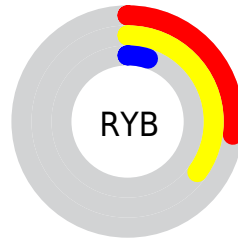
# Distribution



Red (35%)

Green (22%)

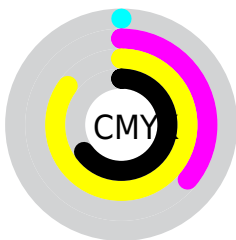
Blue (5%)



Red (27%)

Yellow (35%)

Blue (5%)

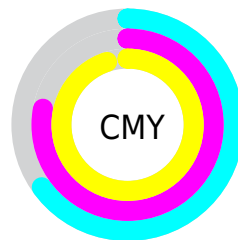


Cyan (0%)

Magenta (36%)

Yellow (85%)

Black (65%)



Cyan (65%)

Magenta (78%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5847309 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 5847309 by changing the saturation by 10% instead.



 5847309


 5847309

 16777203

 4203264

 9332795

 2559744

 11174226

 0


 13015915

 14923397

 16765343

 16772794

 16777174

 5847309

 5847309

■ 5846276

■ 5848342

■ 5846016

■ 5849119

■ 5850152

■ 5851185

■ 5852217

■ 5852994

■ 5854027

■ 5855060

■ 5856093

# Harmonies

## Analogous

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



6827807



5847309



4407817

# Triad

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



5847309



19530



5125477

# Complementary

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



5847309



863577

# 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.



2178929



5847309



19297

# Square

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



5847309



19247



18287



6695760

# Rectangle

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



5847309



3229202



18287



4405354



# Sweetspot

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



5847309



7562837



5836078



3879720



12237498



3881787



# Same Dimension

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



5847309



7553536



5527821



2828839



7028224



15435776



# Inverse Universe

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



863577



12403



1183065



2566443



11627



25579



# Previews

## White Background



This preview shows how the Decimal color 5847309 looks on a white background.

## Color Contrast Check

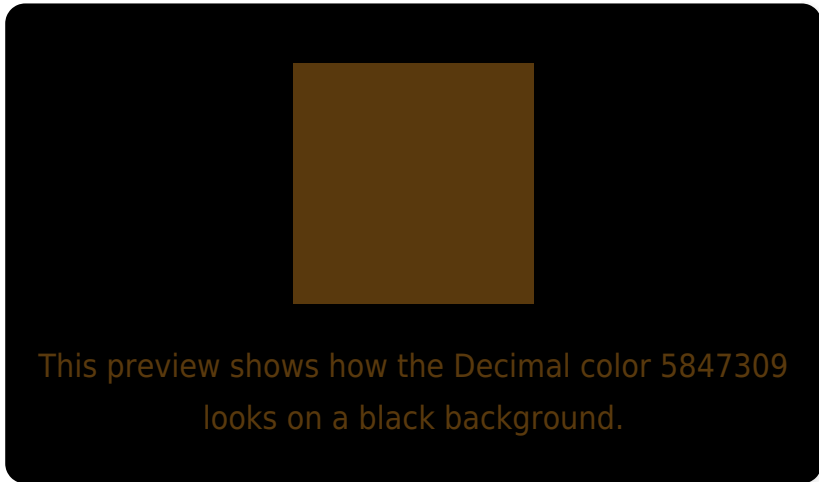
Large Text (above 18pt) WCAG AA ✓ Pass

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

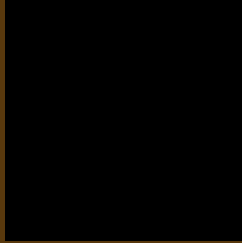
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 5847309 Background



This preview shows how black text looks on a background with the Decimal color 5847309.



This preview shows how white text looks on a background with the Decimal color 5847309.

# 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**  
5847309

**Protanopia**  
4734991

**Deuteranopia**  
5324043



**Tritanopia**  
5977401

# Trichromacy



**Original Color**  
5847309

**Protanomaly**  
5127438

**Deuteranomaly**  
5520396

**Tritanomaly**  
5912105

# Monochromacy



**Original Color**  
5847309

**Achromatopsia**  
4079166

**Achromatomaly**  
4733996

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5847309 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 #59390D looks like.

```
.text, #text, p{  
    color:#59390D  
}
```

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 #59390D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59390D
}
```

## Border

The CSS property to change the border of an element to Decimal 5847309 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
#59390D }
```

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

```
.border{ border-color:#59390D }
```

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

Here you see how a box with a 4 pixel #59390D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59390D; -webkit-box-shadow:4px 4px  
4px 4px #59390D; box-shadow:4px 4px 4px  
4px #59390D }
```

# Background

The CSS property to change the background color of an element to Decimal 5847309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59390D }
```

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

```
.background{ background-color:#59390D }
```

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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