

# Converting Colors

Decimal(5850889)

Have a look what the booklet for  
Decimal(5850889) contains.

<b>Decimal(5850889)</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(5850889)**

# Conversions

## Conversions Part 1

Format	Color
Hex	594709
RGB	89, 71, 9
RGB Percent	35%, 28%, 4%
CMY	0.6510, 0.7216, 0.9647
CMYK	0.00, 0.20, 0.90, 0.65
HSL	47°, 82%, 19%
HSV	47°, 90%, 35%
XYZ	6.4224, 6.6500, 1.2035
YIQ	69.3140, 30.6300, -15.4660

# Conversions

## Conversions Part 2

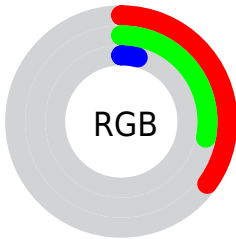
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	32, 89, 9
Decimal	5850889
CIE Lab	31.00, 1.08, 36.48
CIE LCh	31, 36.493, 88.303
Yxy	6.6500, 0.4499, 0.4658
Android (android.graphics.Color)	4284040969 (0xFF594709)
YUV	69.3140, -29.7348, 17.2646
Hunter-Lab	25.7877, -0.6734, 15.2843

# Details

The Decimal color **5850889** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **596825**, and the grayscale version is **4605510**.

A 20% lighter version of the original color is **9336634**, and **2563072** is the 20% darker color. If you saturate the color by 10%, you get **5850368**, and if you desaturate by 10%, it is **5851410**.

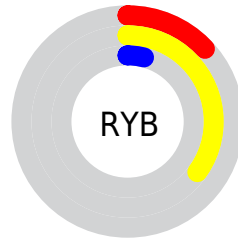
# Distribution



Red (35%)

Green (28%)

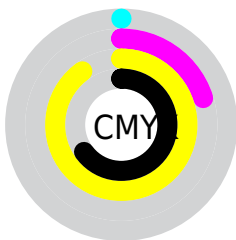
Blue (4%)



Red (13%)

Yellow (35%)

Blue (4%)

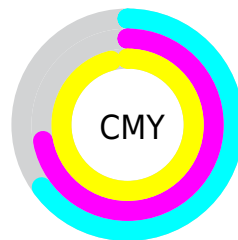


Cyan (0%)

Magenta (20%)

Yellow (90%)

Black (65%)



Cyan (65%)

Magenta (72%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5850889 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 5850889 by changing the saturation by 10% instead.



 5850889


 5850889

 16777203

 4272384

 9336634

 2563072

 11178322

 525056

 13020011

 0

 14927493

 16769695

 16777147

 16777175

 5850889

 5850889

■ 5850368

■ 5851410

■ 5851931

■ 5852452

■ 5852973

■ 5853493

■ 5854014

■ 5854535

■ 5855056

■ 5855577

# Harmonies

## Analogous

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



7289880



5850889



4017938

# Triad

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



5850889



22115



6960743

# Complementary

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



5850889



596825

# 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.



4604539



5850889



21369

# Square

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



5850889



22086



19842



8072780

# Rectangle

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



5850889



2446113



19842



6306415



# Sweetspot

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



5850889



7564372



5835036



3880488



12237498



3881787



# Same Dimension

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



5850889



7559424



4479241



2828839



7033600



15447552



# Inverse Universe

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



596825



6771



1968473



2566187



6251

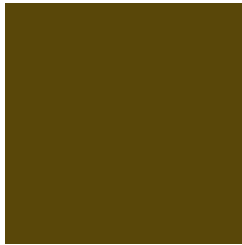


13803



# Previews

## White Background



This preview shows how the Decimal color 5850889 looks on a white background.

## Color Contrast Check

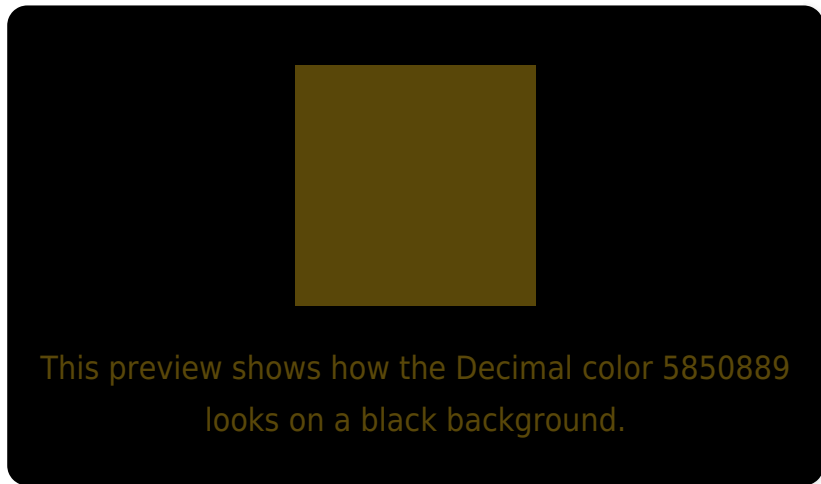
Large Text (above 18pt) WCAG AA ✓ Pass

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

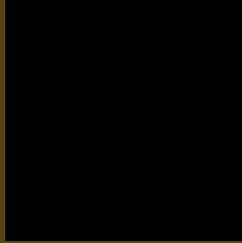
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 5850889 Background



This preview shows how black text looks on a background with the Decimal color 5850889.



This preview shows how white text looks on a background with the Decimal color 5850889.

# 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**  
5850889

**Protanopia**  
5458186

**Deuteranopia**  
6112522



**Tritanopia**  
6111815

# Trichromacy



**Original Color**  
5850889

**Protanomaly**  
5589002

**Deuteranomaly**  
6047242

**Tritanomaly**  
6046768

# Monochromacy



**Original Color**  
5850889

**Achromatopsia**  
4539717

**Achromatomaly**  
4998703

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5850889 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 #594709 looks like.

```
.text, #text, p{  
  color:#594709  
}
```

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 #594709 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #594709
}
```

## Border

The CSS property to change the border of an element to Decimal 5850889 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".

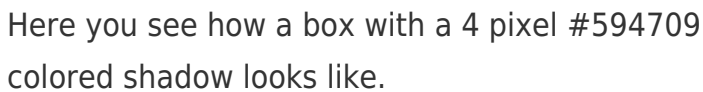
```
.border, #border, table{ border:4px solid
#594709 }
```

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

```
.border{ border-color:#594709 }
```

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

Here you see how a box with a 4 pixel #594709 colored shadow looks like.

A rectangular box with a dark brown border and a dark brown shadow. The box is white with a thin dark brown border on the top and left sides, and a thicker dark brown shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #594709; -webkit-box-shadow:4px 4px  
4px 4px #594709; box-shadow:4px 4px 4px  
4px #594709 }
```

# Background

The CSS property to change the background color of an element to Decimal 5850889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#594709 }
```

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

```
.background{ background-color:#594709 }
```

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