

# Converting Colors

Decimal(5901057)

Have a look what the booklet for  
Decimal(5901057) contains.

<b>Decimal(5901057)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	28

**Color**

**Decimal(5901057)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5A0B01
RGB	90, 11, 1
RGB Percent	35%, 4%, 0%
CMY	0.6471, 0.9569, 0.9961
CMYK	0.00, 0.88, 0.99, 0.65
HSL	7°, 98%, 18%
HSV	7°, 99%, 35%
XYZ	4.3416, 2.4152, 0.2661
YIQ	33.4810, 50.2940, 13.6380

# Conversions

## Conversions Part 2

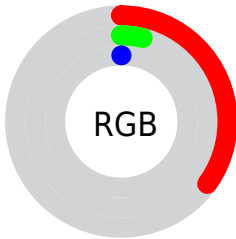
<b>Format</b>	<b>Color</b>
<b>RYB</b>	90, 12, 1
Decimal	5901057
CIELab	17.53, 34.21, 26.42
CIELCh	18, 43.220, 37.682
Yxy	2.4152, 0.6182, 0.3439
Android (android.graphics.Color)	4284091137 (0xFF5A0B01)
YUV	33.4810, -16.0131, 49.5672
Hunter-Lab	15.5409, 22.6703, 9.8636

# Details

The Decimal color **5901057** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **86106**, and the grayscale version is **2236962**.

A 20% lighter version of the original color is **9584431**, and **2424833** is the 20% darker color. If you saturate the color by 10%, you get **5900800**, and if you desaturate by 10%, it is **5903114**.

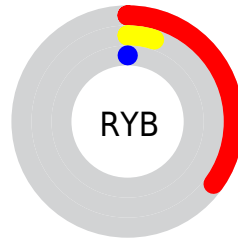
# Distribution



Red (35%)

Green (4%)

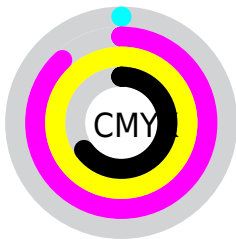
Blue (0%)



Red (35%)

Yellow (5%)

Blue (0%)

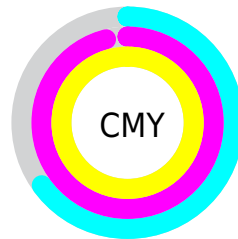


Cyan (0%)

Magenta (88%)

Yellow (99%)

Black (65%)



Cyan (65%)

Magenta (96%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5901057 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 5901057 by changing the saturation by 10% instead.



 5901057

 5901057

 16776163

 4063232

 9584431

 2424833

 11491142

 0

 13398366

 15371127

 16754321

 16761259

 16768711

 5901057

 5901057

■ 5900800

■ 5903114

■ 5905171

■ 5907228

■ 5909285

■ 5911342

■ 5913399

■ 5915456

■ 5917513

■ 5919570

# Harmonies

## Analogous

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



6225957



5901057



4726784

# Triad

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



5901057



13841



11626

# Complementary

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



5901057



86106

# 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.



13669



5901057



14387

# Square

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



5901057



733952



14161



3350109

# Rectangle

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



5901057



3680512



14161



12394



# Sweetspot

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



5901057



7689810



5898577



3876902



12237498



3881787



# Same Dimension

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



5901057



7671040



5912065



3025449



7212032



15538944



# Inverse Universe

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



86106



26741



75098



2698542



24942

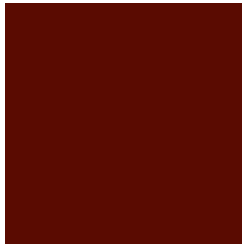


54253



# Previews

## White Background



This preview shows how the Decimal color 5901057 looks on a white background.

## Color Contrast Check

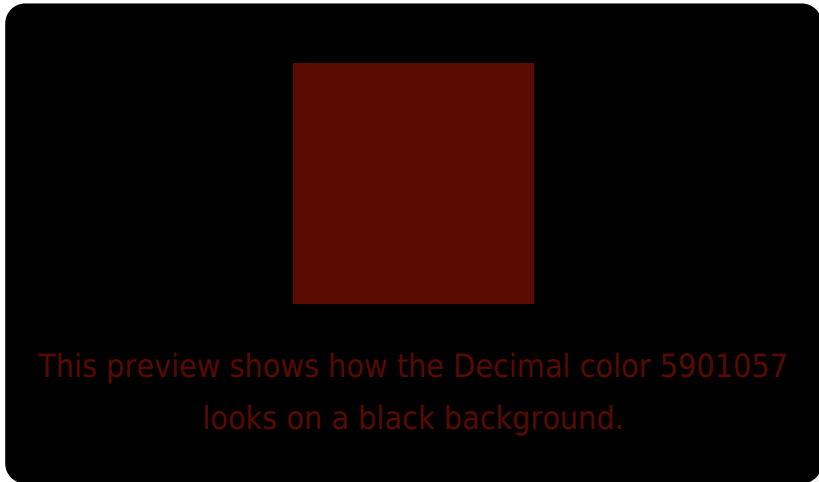
Large Text (above 18pt) WCAG AA ✓ Pass

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

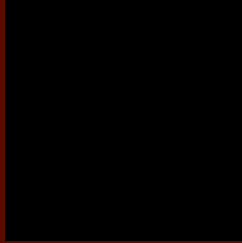
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 5901057 Background



This preview shows how black text looks on a background with the Decimal color 5901057.

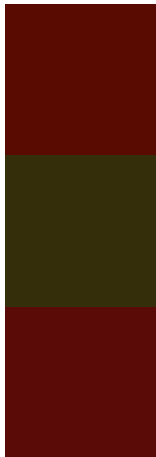


This preview shows how white text looks on a background with the Decimal color 5901057.

# 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**  
5901057

**Protanopia**  
3419659

**Tritanopia**  
5901064

# Trichromacy

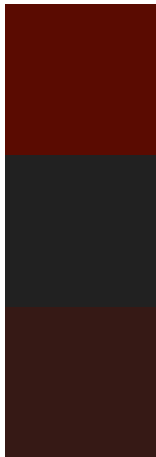


**Original Color**  
5901057

**Protanomaly**  
4333831

**Tritanomaly**  
5901061

# Monochromacy



**Original Color**  
5901057

**Achromatopsia**  
2171169

**Achromatomaly**  
3545365

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5901057 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 #5A0B01 looks like.

```
.text, #text, p{  
    color:#5A0B01  
}
```

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 #5A0B01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A0B01
}
```

## Border

The CSS property to change the border of an element to Decimal 5901057 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".

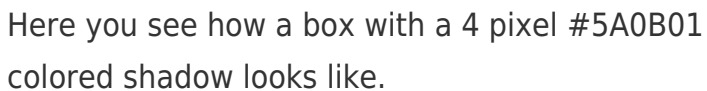
```
.border, #border, table{ border:4px solid
#5A0B01 }
```

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

```
.border{ border-color:#5A0B01 }
```

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

Here you see how a box with a 4 pixel #5A0B01 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border. Below and to the right of the box is a dark red shadow, creating a 3D effect. The shadow is rectangular and matches the color of the border.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A0B01; -webkit-box-shadow:4px 4px  
4px 4px #5A0B01; box-shadow:4px 4px 4px  
4px #5A0B01 }
```

# Background

The CSS property to change the background color of an element to Decimal 5901057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A0B01 }
```

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

```
.background{ background-color:#5A0B01 }
```

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**