

# Converting Colors

Decimal(5840048)

Have a look what the booklet for  
Decimal(5840048) contains.

<b>Decimal(5840048)</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> .....	28

**Color**

**Decimal(5840048)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	591CB0
RGB	89, 28, 176
RGB Percent	35%, 11%, 69%
CMY	0.6510, 0.8902, 0.3098
CMYK	0.49, 0.84, 0.00, 0.31
HSL	265°, 73%, 40%
HSV	265°, 84%, 69%
XYZ	12.3716, 6.0889, 41.5975
YIQ	63.1110, -11.1520, 58.9600

# Conversions

## Conversions Part 2

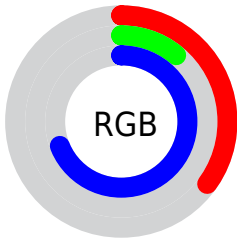
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	89, 28, 176
Decimal	5840048
CIE Lab	29.64, 56.69, -66.44
CIE LCh	30, 87.338, 310.472
Yxy	6.0889, 0.2060, 0.1014
Android (android.graphics.Color)	4284030128 (0xFF591CB0)
YUV	63.1110, 55.6543, 22.7047
Hunter-Lab	24.6758, 46.3108, -82.6758

# Details

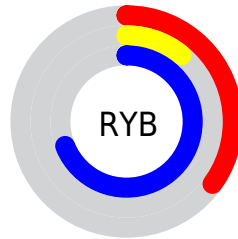
The Decimal color **5840048** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **7581724**, and the grayscale version is **4144959**.

A 20% lighter version of the original color is **9655017**, and **1245306** is the 20% darker color. If you saturate the color by 10%, you get **5180080**, and if you desaturate by 10%, it is **6500016**.

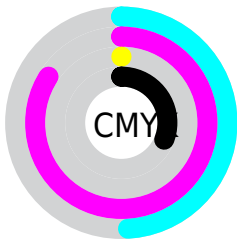
# Distribution



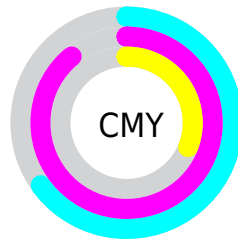
- Red (35%)
- Green (11%)
- Blue (69%)



- Red (35%)
- Yellow (11%)
- Blue (69%)



- Cyan (49%)
- Magenta (84%)
- Yellow (0%)
- Black (31%)



- Cyan (65%)
- Magenta (89%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5840048 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 5840048 by changing the saturation by 10% instead.



■ 5840048

■ 5840048

16777215

■ 3801237

■ 9655017

■ 1245306

■ 11627775

■ 96

■ 13535231

■ 71

■ 15508223

■ 1072

■ 16760575

■ 282

■ 16767743

■ 0

■ 16775167

■ 5840048

■ 5840048

■ 5180080

■ 6500016

■ 4784304

■ 7225264

■ 7885232

■ 8544944

■ 9270448

■ 9930416

■ 10590128

■ 11315632

■ 11975344

# Harmonies

## Analogous

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



19152



5840048



10551413

# Triad

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



5840048



7942144



23901

# Complementary

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



5840048



7581724

# 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.



23313



5840048



4279040

# Square

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



5840048



10551296



22016



24223

# Rectangle

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



5840048



11599944



22016



23621



# Sweetspot

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



5840048



12889318



1865136



6246515



15921906



7566195



# Same Dimension

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



5840048



6226150



10558640



5525593



4128921



720922



# Inverse Universe

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



11541619



15073415



2863132



5853270



10027098

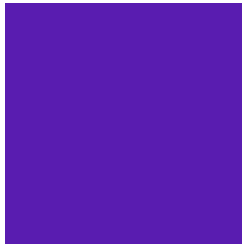


1703951



# Previews

## White Background



This preview shows how the Decimal color 5840048 looks on a white background.

## Color Contrast Check

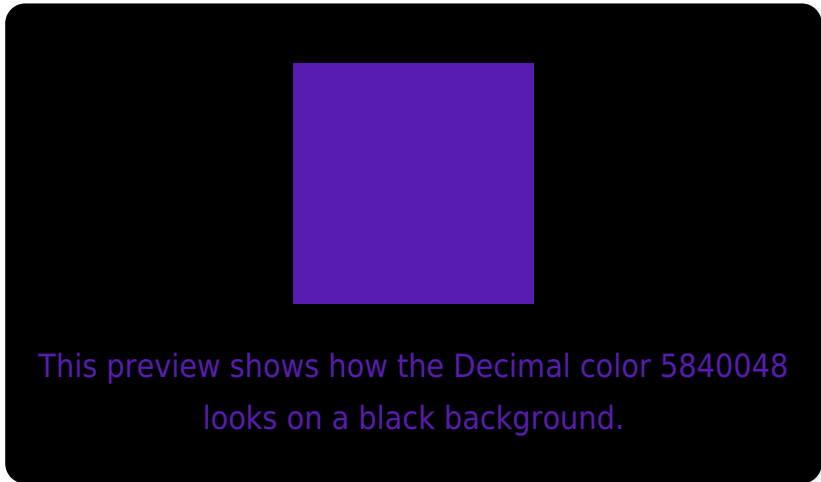
Large Text (above 18pt) WCAG AA ✓ Pass

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

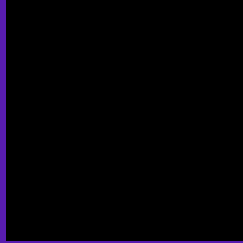
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 5840048 Background



This preview shows how black text looks on a background with the Decimal color 5840048.

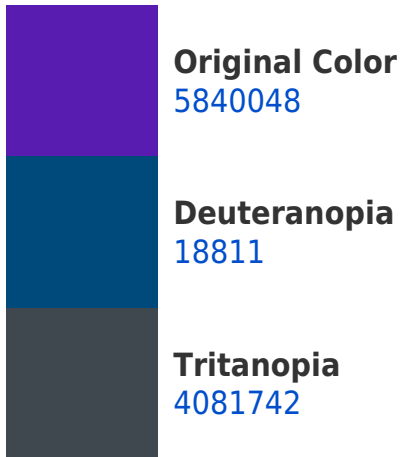


This preview shows how white text looks on a background with the Decimal color 5840048.

# 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



# Trichromacy



**Original Color**  
5840048

**Deuteranomaly**  
2111886

**Tritanomaly**  
4733042

# Monochromacy



**Original Color**  
5840048

**Achromatopsia**  
4144959

**Achromatomaly**  
4731496

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5840048 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 #591CB0 looks like.

```
.text, #text, p{  
    color:#591CB0  
}
```

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 #591CB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #591CB0
}
```

## Border

The CSS property to change the border of an element to Decimal 5840048 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
#591CB0 }
```

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

```
.border{ border-color:#591CB0 }
```

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

Here you see how a box with a 4 pixel #591CB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #591CB0; -webkit-box-shadow:4px 4px  
4px 4px #591CB0; box-shadow:4px 4px 4px  
4px #591CB0 }
```

# Background

The CSS property to change the background color of an element to Decimal 5840048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#591CB0 }
```

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

```
.background{ background-color:#591CB0 }
```

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