

# Converting Colors

Decimal(5775999)

Have a look what the booklet for  
Decimal(5775999) contains.

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# Color

**Decimal(5775999)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	58227F
RGB	88, 34, 127
RGB Percent	35%, 13%, 50%
CMY	0.6549, 0.8667, 0.5020
CMYK	0.31, 0.73, 0.00, 0.50
HSL	275°, 58%, 32%
HSV	275°, 73%, 50%
XYZ	8.4273, 4.7511, 20.5516
YIQ	60.7480, 2.3310, 40.3710

# Conversions

## Conversions Part 2

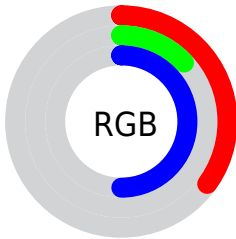
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	88, 34, 127
Decimal	5775999
CIE <sub>Lab</sub>	26.01, 41.86, -42.29
CIE <sub>LCh</sub>	26, 59.505, 314.711
Yxy	4.7511, 0.2498, 0.1409
Android (android.graphics.Color)	4283966079 (0xFF58227F)
YUV	60.7480, 32.6622, 23.9000
Hunter-Lab	21.7969, 30.8683, -40.6445

# Details

The Decimal color **5775999** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **4816674**, and the grayscale version is **3947580**.

A 20% lighter version of the original color is **9262260**, and **2359373** is the 20% darker color. If you saturate the color by 10%, you get **5444991**, and if you desaturate by 10%, it is **6107007**.

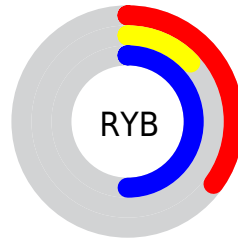
# Distribution



Red (35%)

Green (13%)

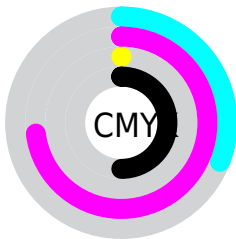
Blue (50%)



Red (35%)

Yellow (13%)

Blue (50%)

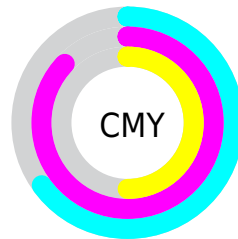


Cyan (31%)

Magenta (73%)

Yellow (0%)

Black (50%)



Cyan (65%)

Magenta (87%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5775999 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 5775999 by changing the saturation by 10% instead.



■ 5775999

■ 5775999

16777215

■ 4064869

■ 9262260

■ 2359373

■ 11103696

■ 524342

■ 12945389

■ 543

■ 14852863

■ 2

■ 16760319

■ 0

■ 16767743

■ 16774911

■ 5775999

■ 5775999

■ 5444991

■ 6107007

■ 5048703

■ 6503295

■ 4849791

■ 6834303

■ 7165311

■ 7561855

■ 7892607

■ 8223615

■ 8620159

■ 8950911

# Harmonies

## Analogous

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



15511



5775999



8388695

# Triad

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



5775999



6238976



20308

# Complementary

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



5775999



4816674

# 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.



20004



5775999



3687168

# Square

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



5775999



8131584



18944



20349

# Rectangle

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



5775999



8978489



18944



20292



# Sweetspot

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



5775999



9863590



2247295



4931156



13948116



5526612



# Same Dimension

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



5775999



6886566



8331897



4012352



4849792



0



# Inverse Universe

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



8331849



10884177



2260776



4208956



8388661

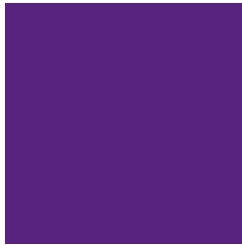


0



# Previews

## White Background



This preview shows how the Decimal color 5775999 looks on a white background.

## Color Contrast Check

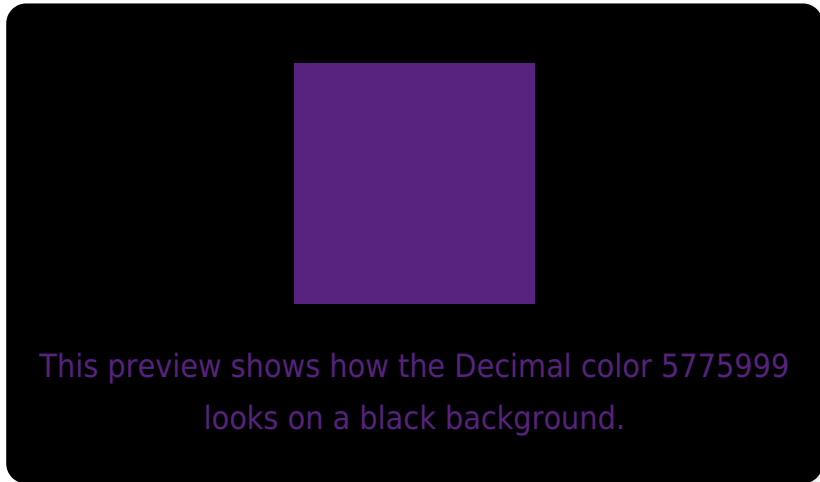
Large Text (above 18pt) WCAG AA ✓ Pass

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

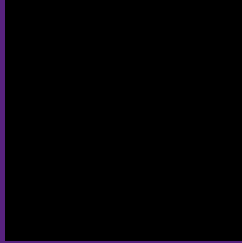
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 5775999 Background



This preview shows how black text looks on a background with the Decimal color 5775999.



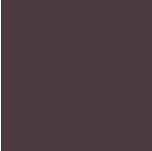
This preview shows how white text looks on a background with the Decimal color 5775999.

# 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**  
4995390

# Trichromacy



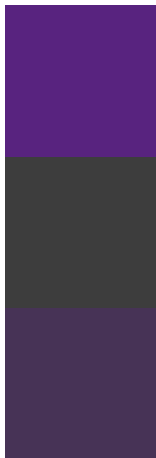
**Original Color**  
5775999

**Protanomaly**  
2110335

**Deuteranomaly**  
2110837

**Tritanomaly**  
5255510

# Monochromacy



**Original Color**  
5775999

**Achromatopsia**  
4013373

**Achromatomaly**  
4666197

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5775999 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 #58227F looks like.

```
.text, #text, p{  
    color:#58227F  
}
```

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 #58227F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58227F
}
```

## Border

The CSS property to change the border of an element to Decimal 5775999 is called "border". The border property can be set on classes, ids or directly on the HTML element.

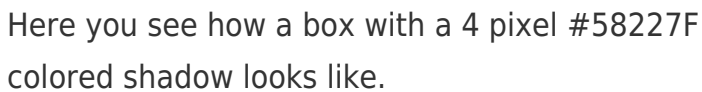
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#58227F }
```

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

```
.border{ border-color:#58227F }
```

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



Here you see how a box with a 4 pixel #58227F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58227F; -webkit-box-shadow:4px 4px  
4px 4px #58227F; box-shadow:4px 4px 4px  
4px #58227F }
```

# Background

The CSS property to change the background color of an element to Decimal 5775999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58227F }
```

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

```
.background{ background-color:#58227F }
```

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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