

# Converting Colors

Decimal(5786545)

Have a look what the booklet for  
Decimal(5786545) contains.

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# Color

**Decimal(5786545)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	584BB1
RGB	88, 75, 177
RGB Percent	35%, 29%, 69%
CMY	0.6549, 0.7059, 0.3059
CMYK	0.50, 0.58, 0.00, 0.31
HSL	248°, 40%, 49%
HSV	248°, 58%, 69%
XYZ	14.4764, 10.2812, 42.8165
YIQ	90.5150, -24.9940, 34.4780

# Conversions

## Conversions Part 2

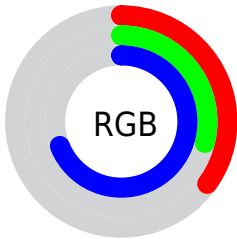
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	88, 75, 177
Decimal	5786545
CIE <sub>Lab</sub>	38.34, 32.79, -52.83
CIE <sub>LCh</sub>	38, 62.178, 301.822
Yxy	10.2812, 0.2142, 0.1521
Android (android.graphics.Color)	4283976625 (0xFF584BB1)
<b>YUV</b>	90.5150, 42.6371, -2.2057
Hunter-Lab	32.0643, 24.4767, -56.7268

# Details

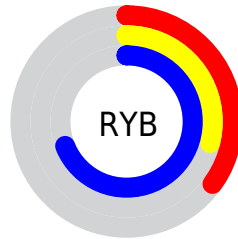
The Decimal color **5786545** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **10793291**, and the grayscale version is **5921370**.

A 20% lighter version of the original color is **9469161**, and **1711739** is the 20% darker color. If you saturate the color by 10%, you get **4798897**, and if you desaturate by 10%, it is **6774193**.

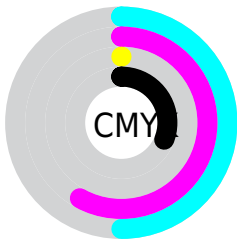
# Distribution



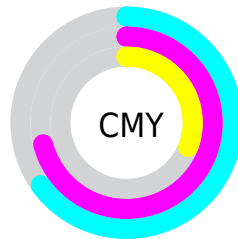
- Red (35%)
- Green (29%)
- Blue (69%)



- Red (35%)
- Yellow (29%)
- Blue (69%)



- Cyan (50%)
- Magenta (58%)
- Yellow (0%)
- Black (31%)



- Cyan (65%)
- Magenta (71%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5786545 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 5786545 by changing the saturation by 10% instead.



■ 5786545

■ 5786545

16777215

■ 3880086

■ 9469161

■ 1711739

■ 11310847

■ 2658

■ 13218303

■ 73

■ 15126015

■ 1074

■ 16771583

■ 284

■ 0

■ 5786545

■ 5786545

■ 4798897

■ 6774193

■ 3745969

■ 7827121

■ 2758321

■ 8814769

■ 1705137

■ 9867953

■ 1507505

■ 10855345

■ 11908529

■ 12896177

■ 13949361

■ 14936753

# Harmonies

## Analogous

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



24768



5786545



9907339

# Triad

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



5786545



9585664



28508

# Complementary

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



5786545



10793291

# 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.



27942



5786545



7100672

# Square

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



5786545



11216680



3630592



28559

# Rectangle

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



5786545



11212650



3630592



28490



# Sweetspot

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



5786545



12828390



4957617



6249587



15921906



7566195



# Same Dimension

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



5786545



5982182



9063345



5328985



1245337



196634



# Inverse Universe

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



11619236



15091665



7516491



5853272



10027142

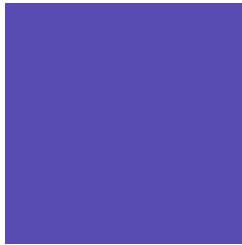


1703958



# Previews

## White Background



This preview shows how the Decimal color 5786545 looks on a white background.

## Color Contrast Check

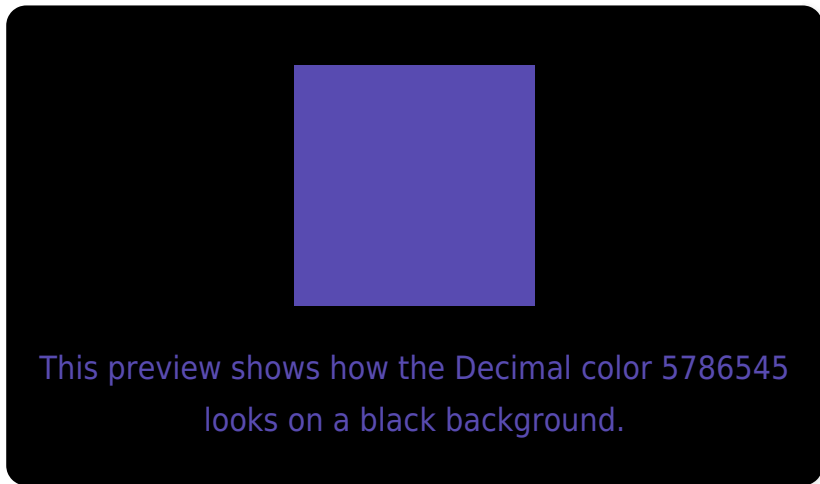
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

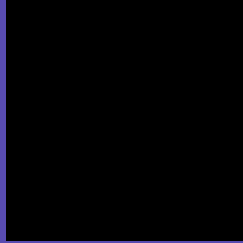
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 5786545 Background



This preview shows how black text looks on a background with the Decimal color 5786545.



This preview shows how white text looks on a background with the Decimal color 5786545.

# 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**  
5786545

**Protanomaly**  
2118582

**Deuteranomaly**  
2119335

**Tritanomaly**  
4806786

# Monochromacy



**Original Color**  
5786545

**Achromatopsia**  
5987163

**Achromatomaly**  
5920122

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5786545 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 #584BB1 looks like.

```
.text, #text, p{  
  color:#584BB1  
}
```

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 #584BB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #584BB1
}
```

## Border

The CSS property to change the border of an element to Decimal 5786545 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
#584BB1 }
```

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

```
.border{ border-color:#584BB1 }
```

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

Here you see how a box with a 4 pixel #584BB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #584BB1; -webkit-box-shadow:4px 4px  
4px 4px #584BB1; box-shadow:4px 4px 4px  
4px #584BB1 }
```

# Background

The CSS property to change the background color of an element to Decimal 5786545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#584BB1 }
```

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

```
.background{ background-color:#584BB1 }
```

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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