

# Converting Colors

Decimal(6754747)

Have a look what the booklet for  
Decimal(6754747) contains.

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**Color**

**Decimal(6754747)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6711BB
RGB	103, 17, 187
RGB Percent	40%, 7%, 73%
CMY	0.5961, 0.9333, 0.2667
CMYK	0.45, 0.91, 0.00, 0.27
HSL	270°, 83%, 40%
HSV	270°, 91%, 73%
XYZ	14.7636, 6.8723, 47.5621
YIQ	62.0940, -3.3140, 71.1020

# Conversions

## Conversions Part 2

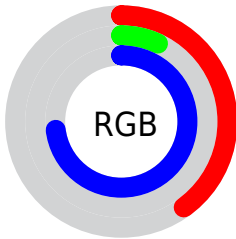
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	103, 17, 187
Decimal	6754747
CIE <sub>Lab</sub>	31.51, 63.97, -69.83
CIE <sub>LCh</sub>	32, 94.701, 312.493
Yxy	6.8723, 0.2134, 0.0993
Android (android.graphics.Color)	4284944827 (0xFF6711BB)
YUV	62.0940, 61.5787, 35.8746
Hunter-Lab	26.2151, 54.6497, -89.2193

# Details

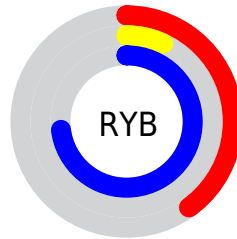
The Decimal color **6754747** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **6667025**, and the grayscale version is **4079166**.

A 20% lighter version of the original color is **10637044**, and **2556036** is the 20% darker color. If you saturate the color by 10%, you get **6226107**, and if you desaturate by 10%, it is **7349435**.

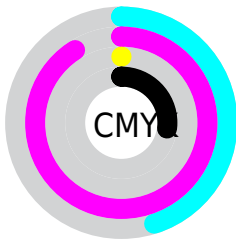
# Distribution



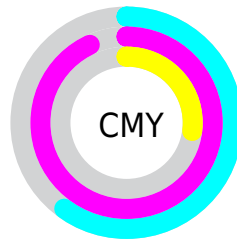
- Red (40%)
- Green (7%)
- Blue (73%)



- Red (40%)
- Yellow (7%)
- Blue (73%)



- Cyan (45%)
- Magenta (91%)
- Yellow (0%)
- Black (27%)



- Cyan (60%)
- Magenta (93%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6754747 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 6754747 by changing the saturation by 10% instead.



 6754747

 6754747

16777215

 4784287

 10637044

 2556036

 12610047

 106

 14517759

 81

 16556287

 1337

 16760319

 546

 16767487

 8

 16775167

 0

 6754747

 6754747

6226107

7349435

7943867

8604091

9198779

9793467

10387899

11048123

11642811

12237243

# Harmonies

## Analogous

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



19937



6754747



11534457

# Triad

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



6754747



8271104



25449

# Complementary

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



6754747



6667025

# 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.



24855



6754747



4083968

# Square

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



6754747



11206656



23808



25776

# Rectangle

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



6754747



12517448



23808



25167



# Sweetspot

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



6754747



13808114



1140411



6771578



16448250



8026746



# Same Dimension

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



6754747



8061170



12259771



5920094



5243038



983071



# Inverse Universe

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



12259685



15859832



1162001



6182234



10354766

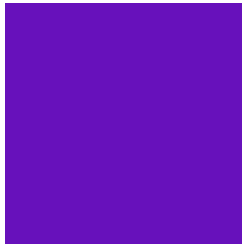


2031631



# Previews

## White Background



This preview shows how the Decimal color 6754747 looks on a white background.

## Color Contrast Check

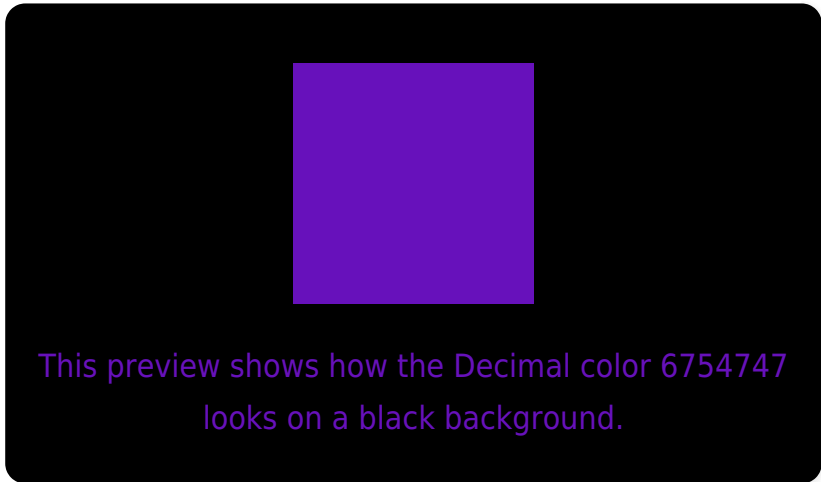
Large Text (above 18pt) WCAG AA ✓ Pass

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

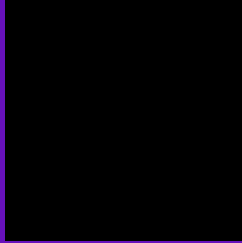
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6754747 Background



This preview shows how black text looks on a background with the Decimal color 6754747.

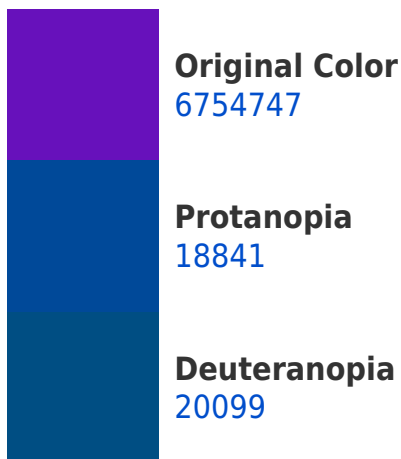



This preview shows how white text looks on a background with the Decimal color 6754747.

# 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**  
5065296

# Trichromacy



**Original Color**  
6754747



**Protanomaly**  
2438565



**Deuteranomaly**  
2439319



**Tritanomaly**  
5649783

# Monochromacy



**Original Color**  
6754747



**Achromatopsia**  
4079166



**Achromatomaly**  
5058155

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6754747 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 #6711BB looks like.

```
.text, #text, p{  
    color:#6711BB  
}
```

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 #6711BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6711BB
}
```

## Border

The CSS property to change the border of an element to Decimal 6754747 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
#6711BB }
```

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

```
.border{ border-color:#6711BB }
```

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

Here you see how a box with a 4 pixel #6711BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6711BB; -webkit-box-shadow:4px 4px  
4px 4px #6711BB; box-shadow:4px 4px 4px  
4px #6711BB }
```

# Background

The CSS property to change the background color of an element to Decimal 6754747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6711BB }
```

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

```
.background{ background-color:#6711BB }
```

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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