

# Converting Colors

Decimal(6750426)

Have a look what the booklet for  
Decimal(6750426) contains.

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**Color**

**Decimal(6750426)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6700DA
RGB	103, 0, 218
RGB Percent	40%, 0%, 85%
CMY	0.5961, 1.0000, 0.1451
CMYK	0.53, 1.00, 0.00, 0.15
HSL	268°, 100%, 43%
HSV	268°, 100%, 85%
XYZ	18.2484, 7.9455, 66.9015
YIQ	55.6490, -8.5900, 89.6340

# Conversions

## Conversions Part 2

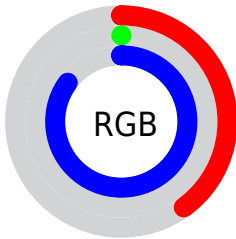
Format	Color
R <sub>Y</sub> B	103, 0, 218
Decimal	6750426
CIE Lab	33.87, 73.49, -84.05
CIE LCh	34, 111.648, 311.167
Yxy	7.9455, 0.1960, 0.0853
Android (android.graphics.Color)	4284940506 (0xFF6700DA)
YUV	55.6490, 80.0390, 41.5268
Hunter-Lab	28.1878, 66.2299, -120.9887

# Details

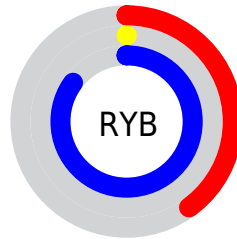
The Decimal color **6750426** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **7592448**, and the grayscale version is **3618615**.

A 20% lighter version of the original color is **10898431**, and **1507489** is the 20% darker color. If you saturate the color by 10%, you get **6750426**, and if you desaturate by 10%, it is **7476954**.

# Distribution



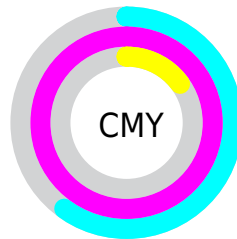
- Red (40%)
- Green (0%)
- Blue (85%)



- Red (40%)
- Yellow (0%)
- Blue (85%)



- Cyan (53%)
- Magenta (100%)
- Yellow (0%)
- Black (15%)






















- Cyan (60%)
- Magenta (100%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6750426 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 6750426 by changing the saturation by 10% instead.



 6750426	 6750426
 16777215	 4522173
 10898431	 1507489
 12871679	 134
 14910463	 108
 16752639	 2130
 16760063	 1338
 16767487	 548
 16775167	 11
	 0

■ 6750426

■ 7476954

■ 8269018

■ 8995290

■ 9787354

■ 10513882

■ 11305946

■ 12032474

■ 12824282

■ 13550810

# Harmonies

## Analogous

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



22271



6750426



12976267

# Triad

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



6750426



9253632



27504

# Complementary

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



6750426



7592448

# 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.



26887



6750426



4413184

# Square

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



6750426



12713984



25600



28359

# Rectangle

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



6750426



14221393



25600



27217



# Sweetspot

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



6750426



14136319



29914



6771328



0



8421504



# Same Dimension

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



6750426



7864575



13828314



6841198



5374125



1441838



# Inverse Universe

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



14286963



16711815



514560



7234408



11337819

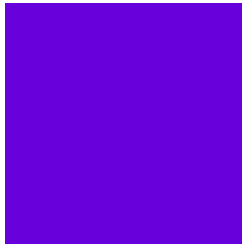


3014680



# Previews

## White Background



This preview shows how the Decimal color 6750426 looks on a white background.

## Color Contrast Check

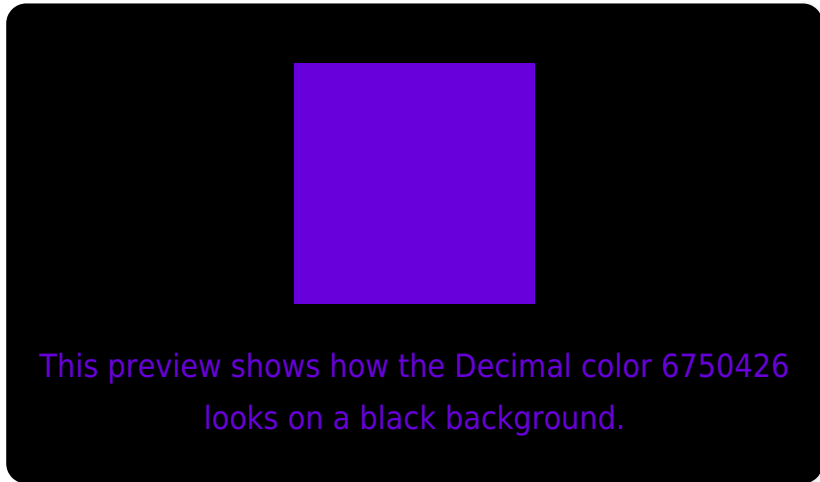
Large Text (above 18pt) WCAG AA ✓ Pass

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

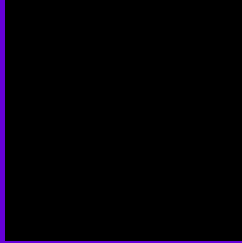
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6750426 Background



This preview shows how black text looks on a background with the Decimal color 6750426.

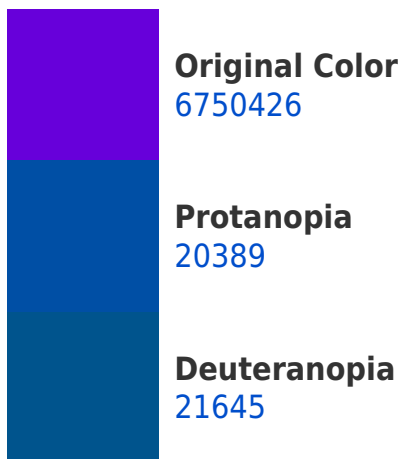


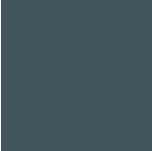
This preview shows how white text looks on a background with the Decimal color 6750426.

# 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**  
4216156

# Trichromacy



**Original Color**  
6750426



**Protanomaly**  
2437816



**Deuteranomaly**  
2438569



**Tritanomaly**  
5125770

# Monochromacy



**Original Color**  
6750426



**Achromatopsia**  
3684408



**Achromatomaly**  
4793459

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6750426 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 #6700DA looks like.

```
.text, #text, p{  
    color:#6700DA  
}
```

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 #6700DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6700DA
}
```

## Border

The CSS property to change the border of an element to Decimal 6750426 is called "border". The border property can be set on classes, ids or directly on the HTML element.

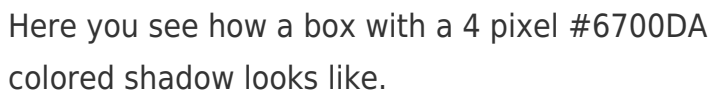
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6700DA }
```

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

```
.border{ border-color:#6700DA }
```

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



Here you see how a box with a 4 pixel #6700DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6700DA; -webkit-box-shadow:4px 4px  
4px 4px #6700DA; box-shadow:4px 4px 4px  
4px #6700DA }
```

# Background

The CSS property to change the background color of an element to Decimal 6750426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6700DA }
```

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

```
.background{ background-color:#6700DA }
```

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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