

# Converting Colors

Decimal(6777600)

Have a look what the booklet for  
Decimal(6777600) contains.

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**Color**

**Decimal(6777600)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	676B00
RGB	103, 107, 0
RGB Percent	40%, 42%, 0%
CMY	0.5961, 0.5804, 1.0000
CMYK	0.04, 0.00, 1.00, 0.58
HSL	62°, 100%, 21%
HSV	62°, 100%, 42%
XYZ	10.8512, 13.3990, 2.0143
YIQ	93.6060, 31.9630, -34.1250

# Conversions

## Conversions Part 2

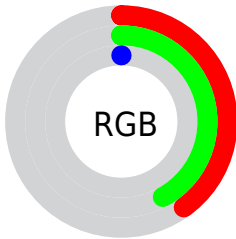
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 107, 4</a>
Decimal	<a href="#">6777600</a>
CIELab	<a href="#">43.36, -13.30, 49.45</a>
CIELCh	<a href="#">43, 51.203, 105.051</a>
Yxy	<a href="#">13.3990, 0.4132, 0.5102</a>
Android (android.graphics.Color)	<a href="#">4284967680</a> ( <a href="#">0xFF676B00</a> )
YUV	<a href="#">93.6060, -46.1478, 8.2385</a>
Hunter-Lab	<a href="#">36.6046, -11.1427, 22.3605</a>

# Details

The Decimal color **6777600** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **262251**, and the grayscale version is **6184542**.

A 20% lighter version of the original color is **10329660**, and **3423232** is the 20% darker color. If you saturate the color by 10%, you get **6777600**, and if you desaturate by 10%, it is **6777611**.

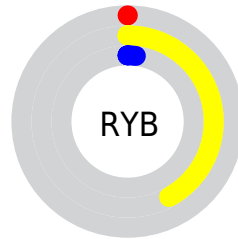
# Distribution



Red (40%)

Green (42%)

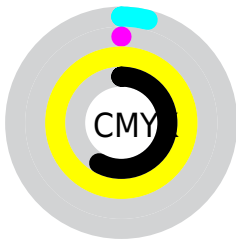
Blue (0%)



Red (0%)

Yellow (42%)

Blue (2%)

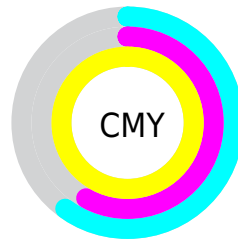


Cyan (4%)

Magenta (0%)

Yellow (100%)

Black (58%)



Cyan (60%)

Magenta (58%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6777600 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 6777600 by changing the saturation by 10% instead.



 6777600

 6777600

 16777211

 5067520

 10329660

 3423232

 12171606

 1779200

 14079344

 4864

 15987083

 0

 16777126

 16777154

 16777182

 6777600

 6777611

 6843157

 6843168

 6908715

 6908726

 6908736

 6974283

 6974294

 7039840

# Harmonies

## Analogous

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



9198855



6777600



3503141

# Triad

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



6777600



30882



11026301

# Complementary

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



6777600



262251

# 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.



8606115



6777600



29112

# Square

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



6777600



31355



3564729



11680851

# Rectangle

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



6777600



30785



3564729



10437771



# Sweetspot

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



6777600



9145442



7013376



4605742



13092807



4671303



# Same Dimension

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



6777600



8883200



3304192



3487280



7435520



15529216



# Inverse Universe

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



262251



327820



3735659



3158070



262261



590069



# Previews

## White Background



This preview shows how the Decimal color 6777600 looks on a white background.

## Color Contrast Check

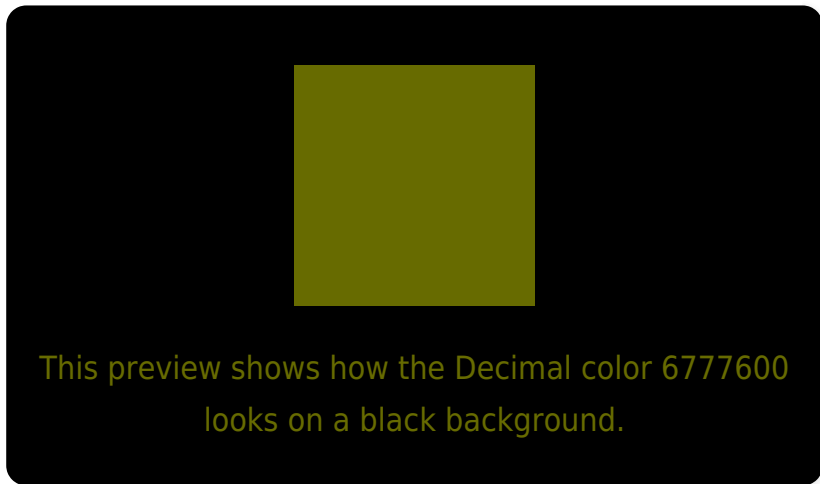
Large Text (above 18pt) WCAG AA ✓ Pass

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 6777600 Background



This preview shows how black text looks on a background with the Decimal color 6777600.

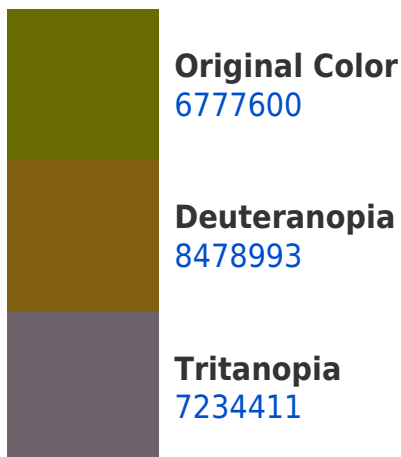


This preview shows how white text looks on a background with the Decimal color 6777600.

# 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**  
6777600

**Deuteranomaly**  
7890187

**Tritanomaly**  
7038532

# Monochromacy



**Original Color**  
6777600

**Achromatopsia**  
6184542

**Achromatomaly**  
6382396

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6777600 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 #676B00 looks like.

```
.text, #text, p{  
    color:#676B00  
}
```

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 #676B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #676B00
}
```

## Border

The CSS property to change the border of an element to Decimal 6777600 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
#676B00 }
```

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

```
.border{ border-color:#676B00 }
```

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

Here you see how a box with a 4 pixel #676B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #676B00; -webkit-box-shadow:4px 4px  
4px 4px #676B00; box-shadow:4px 4px 4px  
4px #676B00 }
```

# Background

The CSS property to change the background color of an element to Decimal 6777600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#676B00 }
```

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

```
.background{ background-color:#676B00 }
```

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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