

# Converting Colors

Decimal(6761630)

Have a look what the booklet for  
Decimal(6761630) contains.

<b>Decimal(6761630)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Decimal(6761630)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	672C9E
RGB	103, 44, 158
RGB Percent	40%, 17%, 62%
CMY	0.5961, 0.8275, 0.3804
CMYK	0.35, 0.72, 0.00, 0.38
HSL	271°, 56%, 40%
HSV	271°, 72%, 62%
XYZ	12.6658, 7.1536, 33.0610
YIQ	74.6370, -1.4300, 47.9620

# Conversions

## Conversions Part 2

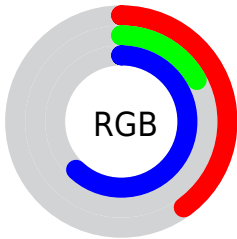
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	103, 44, 158
Decimal	6761630
CIE <sub>Lab</sub>	32.15, 47.83, -51.40
CIE <sub>LCh</sub>	32, 70.211, 312.938
Yxy	7.1536, 0.2395, 0.1353
Android (android.graphics.Color)	4284951710 (0xFF672C9E)
YUV	74.6370, 41.0980, 24.8744
Hunter-Lab	26.7461, 37.7238, -54.5663

# Details

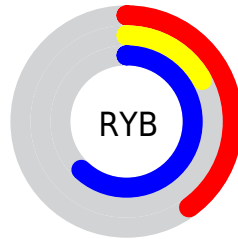
The Decimal color **6761630** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **6528556**, and the grayscale version is **4868682**.

A 20% lighter version of the original color is **10379221**, and **3145834** is the 20% darker color. If you saturate the color by 10%, you get **6233246**, and if you desaturate by 10%, it is **7290014**.

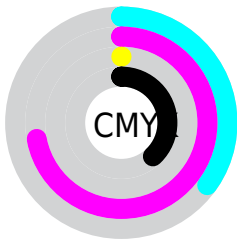
# Distribution



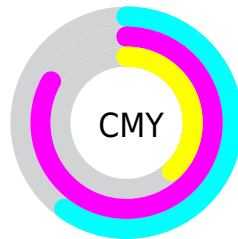
- Red (40%)
- Green (17%)
- Blue (62%)



- Red (40%)
- Yellow (17%)
- Blue (62%)



- Cyan (35%)
- Magenta (72%)
- Yellow (0%)
- Black (38%)



- Cyan (60%)
- Magenta (83%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6761630 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 6761630 by changing the saturation by 10% instead.



6761630

6761630

16777215

4984963

10379221

3145834

12286450

1376337

14193919

57

16101375

546

16763903

8

16771071

0

6761630

6761630

6233246

7290014

■ 5770398

■ 7752862

■ 5374110

■ 8280990

■ 8743838

■ 9272222

■ 9800606

■ 10263454

■ 10791582

■ 11319966

# Harmonies

## Analogous

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



19642



6761630



10092653

# Triad

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



6761630



7748864



24931

# Complementary

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



6761630



6528556

# 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.



24360



6761630



4739328

# Square

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



6761630



9966336



23296



24983

# Rectangle

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



6761630



10879049



23296



24912



# Sweetspot

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



6761630



12165583



2909086



5983593



15263976



6908265



# Same Dimension

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



6761630



7871439



10366108



4933455



4849807



524303



# Inverse Universe

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



10366051



13572978



2924078



5195595



9371717

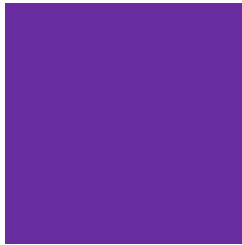


983047



# Previews

## White Background



This preview shows how the Decimal color 6761630 looks on a white background.

## Color Contrast Check

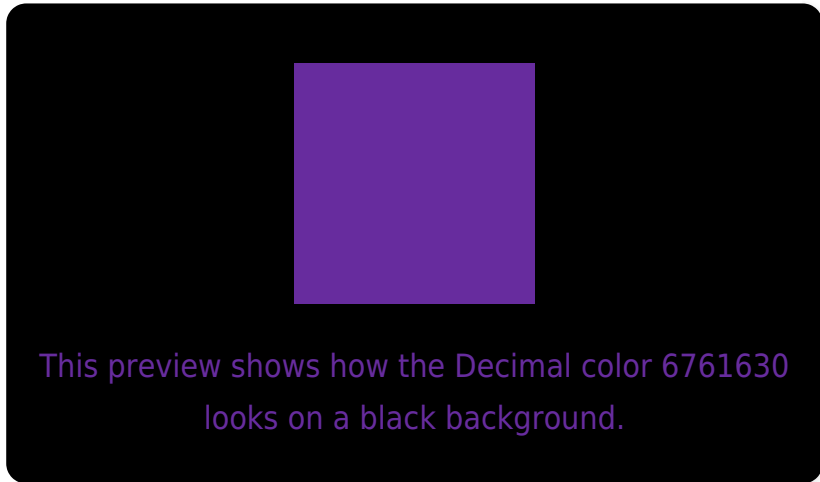
Large Text (above 18pt) WCAG AA ✓ Pass

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

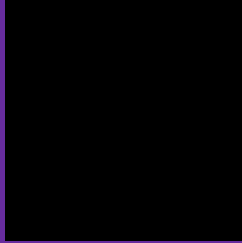
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6761630 Background



This preview shows how black text looks on a background with the Decimal color 6761630.



This preview shows how white text looks on a background with the Decimal color 6761630.

# 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**  
5720142

# Trichromacy



**Original Color**  
6761630

**Protanomaly**  
2441116

**Deuteranomaly**  
2441871

**Tritanomaly**  
6110827

# Monochromacy



**Original Color**  
6761630

**Achromatopsia**  
4934475

**Achromatomaly**  
5587049

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6761630 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 #672C9E looks like.

```
.text, #text, p{  
  color:#672C9E  
}
```

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 #672C9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #672C9E
}
```

## Border

The CSS property to change the border of an element to Decimal 6761630 is called "border". The border property can be set on classes, ids or directly on the HTML element.

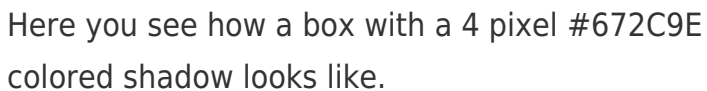
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#672C9E }
```

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

```
.border{ border-color:#672C9E }
```

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



Here you see how a box with a 4 pixel #672C9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #672C9E; -webkit-box-shadow:4px 4px  
4px 4px #672C9E; box-shadow:4px 4px 4px  
4px #672C9E }
```

# Background

The CSS property to change the background color of an element to Decimal 6761630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#672C9E }
```

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

```
.background{ background-color:#672C9E }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor