

# Converting Colors

Decimal(6776457)

Have a look what the booklet for  
Decimal(6776457) contains.

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# Color

**Decimal(6776457)**

# Conversions

## Conversions Part 1

Format	Color
Hex	676689
RGB	103, 102, 137
RGB Percent	40%, 40%, 54%
CMY	0.5961, 0.6000, 0.4627
CMYK	0.25, 0.26, 0.00, 0.46
HSL	242°, 15%, 47%
HSV	242°, 26%, 54%
XYZ	14.8602, 14.1924, 25.6231
YIQ	106.2890, -10.6390, 11.0970

# Conversions

## Conversions Part 2

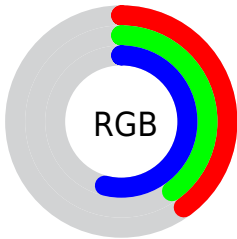
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	103, 102, 137
Decimal	6776457
CIE <sub>Lab</sub>	44.51, 8.55, -19.15
CIE <sub>LCh</sub>	45, 20.976, 294.057
Yxy	14.1924, 0.2718, 0.2596
Android (android.graphics.Color)	4284966537 (0xFF676689)
YUV	106.2890, 15.1405, -2.8845
Hunter-Lab	37.6729, 4.4827, -13.9549

# Details

The Decimal color **6776457** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8948070**, and the grayscale version is **6974058**.

A 20% lighter version of the original color is **10197438**, and **3618647** is the 20% darker color. If you saturate the color by 10%, you get **5920905**, and if you desaturate by 10%, it is **7632009**.

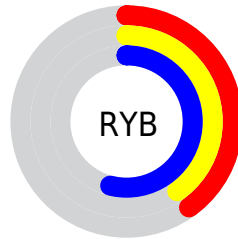
# Distribution



Red (40%)

Green (40%)

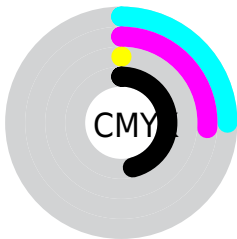
Blue (54%)



Red (40%)

Yellow (40%)

Blue (54%)

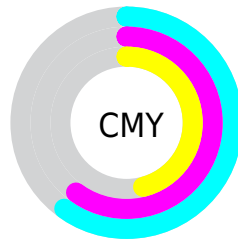


Cyan (25%)

Magenta (26%)

Yellow (0%)

Black (46%)



Cyan (60%)

Magenta (60%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6776457 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 6776457 by changing the saturation by 10% instead.



6776457

6776457

16777215

5131888

10197438

3618647

11973850

2105920

13750263

724010

15657983

276

0

6776457

6776457

5920905

7632009

5000073

8552841

■ 4144521

■ 9408393

■ 3288969

■ 10263945

■ 2368137

■ 11185033

■ 1512585

■ 12040329

■ 657033

■ 12895881

■ 262281

■ 13751433

■ 14672265

# Harmonies

## Analogous

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



5074060



6776457



8151166

# Triad

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



6776457



8806734



4158309

# Complementary

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



6776457



8948070

# 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.



5468500



6776457



7956295

# Square

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



6776457



9198940



6778185



3306359

# Rectangle

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



6776457



8805747



6778185



4551263



# Sweetspot

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



6776457



10855603



6719625



5328985



14277081



5855577



# Same Dimension

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



6776457



8223667



7890569



4079173



262277



5



# Inverse Universe

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



9004680



11762609



7833958



4537925



8716417



327685



# Previews

## White Background



This preview shows how the Decimal color 6776457 looks on a white background.

## Color Contrast Check

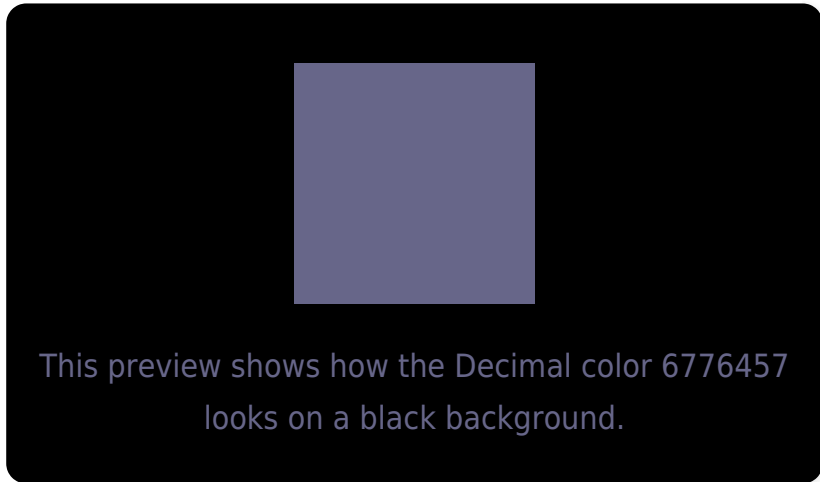
Large Text (above 18pt) WCAG AA ✓ Pass

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

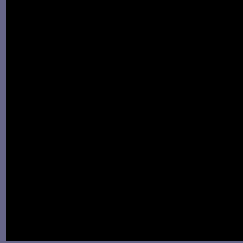
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6776457 Background



This preview shows how black text looks on a background with the Decimal color 6776457.



This preview shows how white text looks on a background with the Decimal color 6776457.

# 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



**Original Color**  
6776457

**Protanopia**  
6318218

**Deuteranopia**  
6514569



**Tritanopia**  
6515315

# Trichromacy



**Original Color**  
6776457

**Protanomaly**  
6514570

**Deuteranomaly**  
6580105

**Tritanomaly**  
6580603

# Monochromacy



**Original Color**  
6776457

**Achromatopsia**  
6974058

**Achromatomaly**  
6908277

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6776457 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 #676689 looks like.

```
.text, #text, p{  
    color:#676689  
}
```

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 #676689 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #676689
}
```

## Border

The CSS property to change the border of an element to Decimal 6776457 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
#676689 }
```

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

```
.border{ border-color:#676689 }
```

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

Here you see how a box with a 4 pixel #676689 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #676689; -webkit-box-shadow:4px 4px  
4px 4px #676689; box-shadow:4px 4px 4px  
4px #676689 }
```

# Background

The CSS property to change the background color of an element to Decimal 6776457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#676689 }
```

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

```
.background{ background-color:#676689 }
```

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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