

# Converting Colors

Decimal(6836400)

Have a look what the booklet for  
Decimal(6836400) contains.

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# Color

**Decimal(6836400)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6850B0
RGB	104, 80, 176
RGB Percent	41%, 31%, 69%
CMY	0.5922, 0.6863, 0.3098
CMYK	0.41, 0.55, 0.00, 0.31
HSL	255°, 38%, 50%
HSV	255°, 55%, 69%
XYZ	16.4141, 11.8150, 42.4897
YIQ	98.1200, -16.5120, 34.9440

# Conversions

## Conversions Part 2

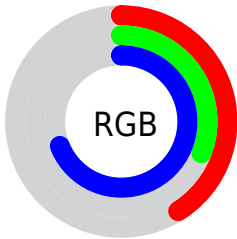
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	104, 80, 176
Decimal	6836400
CIE <sub>Lab</sub>	40.92, 33.09, -48.01
CIE <sub>LCh</sub>	41, 58.312, 304.575
Yxy	11.8150, 0.2321, 0.1671
Android (android.graphics.Color)	4285026480 (0xFF6850B0)
YUV	98.1200, 38.3948, 5.1568
Hunter-Lab	34.3729, 25.0863, -49.2297

# Details

The Decimal color **6836400** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **10006608**, and the grayscale version is **6447714**.

A 20% lighter version of the original color is **10453736**, and **3220091** is the 20% darker color. If you saturate the color by 10%, you get **5979824**, and if you desaturate by 10%, it is **7692976**.

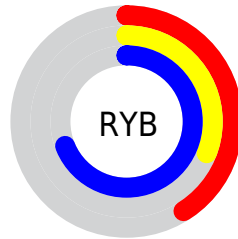
# Distribution



Red (41%)

Green (31%)

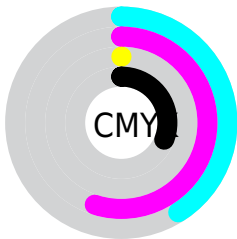
Blue (69%)



Red (41%)

Yellow (31%)

Blue (69%)

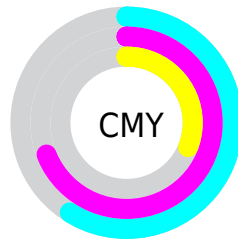


Cyan (41%)

Magenta (55%)

Yellow (0%)

Black (31%)



Cyan (59%)

Magenta (69%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6836400 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 6836400 by changing the saturation by 10% instead.



■ 6836400

■ 6836400

16777215

■ 5060757

■ 10453736

■ 3220091

■ 12295423

■ 1051745

■ 14202879

■ 73

■ 16110591

■ 1073

■ 16773375

■ 283

■ 0

■ 6836400

■ 6836400

■ 5979824

■ 7692976

■ 5123504

■ 8549296

■ 4201392

■ 9471408

■ 3345072

■ 10327728

■ 2883760

■ 11184304

■ 12040880

■ 12897200

■ 13819312

■ 14675632

# Harmonies

## Analogous

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



25793



6836400



10368650

# Triad

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



6836400



9784832



30055

# Complementary

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



6836400



10006608

# 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.



29493



6836400



7299328

# Square

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



6836400



11417133



3960064



30102

# Rectangle

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



6836400



11479403



3960064



30038



# Sweetspot

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



6836400



13287910



5281968



6446451



15921906



7566195



# Same Dimension

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



6836400



7753958



9982128



5460057



2490521



393242



# Inverse Universe

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



11554968



15093952



6860880



5853271



10027123



1703955



# Previews

## White Background



This preview shows how the Decimal color 6836400 looks on a white background.

## Color Contrast Check

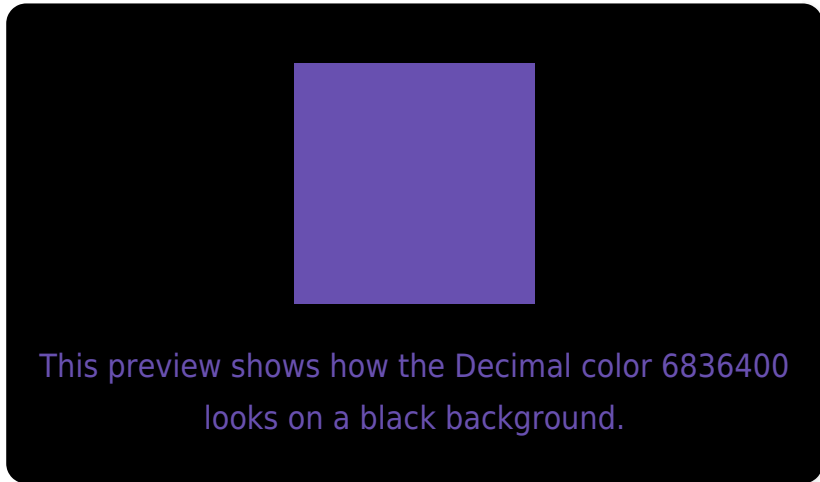
Large Text (above 18pt) WCAG AA ✓ Pass

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 6836400 Background



This preview shows how black text looks on a background with the Decimal color 6836400.

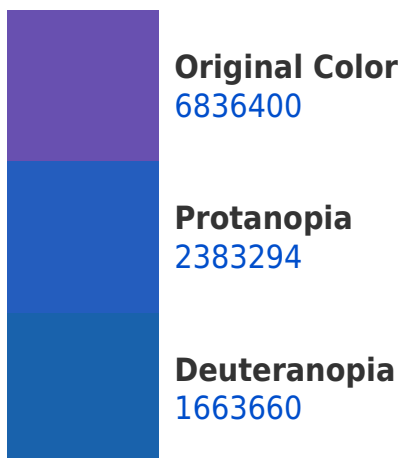


This preview shows how white text looks on a background with the Decimal color 6836400.

# 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**  
6836400

**Protanomaly**  
4020409

**Deuteranomaly**  
3562413

**Tritanomaly**  
6118275

# Monochromacy



**Original Color**  
6836400

**Achromatopsia**  
6447714

**Achromatomaly**  
6577022

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6836400 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 #6850B0 looks like.

```
.text, #text, p{  
    color:#6850B0  
}
```

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 #6850B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6850B0
}
```

## Border

The CSS property to change the border of an element to Decimal 6836400 is called "border". The border property can be set on classes, ids or directly on the HTML element.

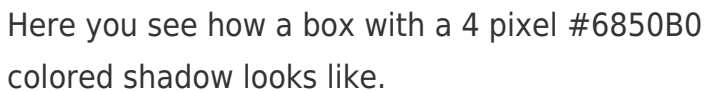
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6850B0 }
```

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

```
.border{ border-color:#6850B0 }
```

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



Here you see how a box with a 4 pixel #6850B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6850B0; -webkit-box-shadow:4px 4px  
4px 4px #6850B0; box-shadow:4px 4px 4px  
4px #6850B0 }
```

# Background

The CSS property to change the background color of an element to Decimal 6836400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6850B0 }
```

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

```
.background{ background-color:#6850B0 }
```

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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