

# Converting Colors

Decimal(6837760)

Have a look what the booklet for  
Decimal(6837760) contains.

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**Color**

**Decimal(6837760)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	685600
RGB	104, 86, 0
RGB Percent	41%, 34%, 0%
CMY	0.5922, 0.6627, 1.0000
CMYK	0.00, 0.17, 1.00, 0.59
HSL	50°, 100%, 20%
HSV	50°, 100%, 41%
XYZ	9.0367, 9.5986, 1.3764
YIQ	81.5780, 38.3340, -22.9300

# Conversions

## Conversions Part 2

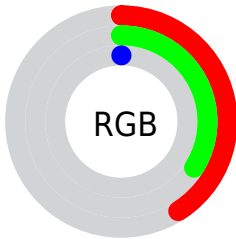
Format	Color
<a href="#">RYB</a>	22, 104, 0
Decimal	6837760
CIELab	37.11, -0.73, 44.98
CIELCh	37, 44.988, 90.924
Yxy	9.5986, 0.4516, 0.4796
Android (android.graphics.Color)	4285027840 (0xFF685600)
YUV	81.5780, -40.2180, 19.6641
Hunter-Lab	30.9817, -2.1532, 19.0531

# Details

The Decimal color **6837760** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **4712**, and the grayscale version is **5395026**.

A 20% lighter version of the original color is **10454839**, and **3418368** is the 20% darker color. If you saturate the color by 10%, you get **6837760**, and if you desaturate by 10%, it is **6838282**.

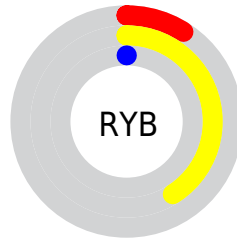
# Distribution



Red (41%)

Green (34%)

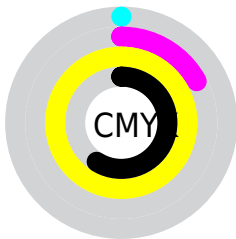
Blue (0%)



Red (9%)

Yellow (41%)

Blue (0%)

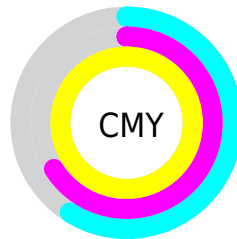


Cyan (0%)

Magenta (17%)

Yellow (100%)

Black (59%)



Cyan (59%)

Magenta (66%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6837760 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 6837760 by changing the saturation by 10% instead.



 6837760

 6837760

 16777203

 5127936

 10454839

 3418368

 12296528

 1840384

 14204010

 0

 16111748

 16774303

 16777146

 16777174

 6837760

■ 6838282

■ 6838805

■ 6839071

■ 6839594

■ 6840116

■ 6840638

■ 6841161

■ 6841427

■ 6841950

# Harmonies

## Analogous

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



8669205



6837760



4481041

# Triad

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



6837760



26748



8666491

# Complementary

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



6837760



4712

# 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.



5787030



6837760



25750

# Square

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



6837760



26711



23456



9909080

# Rectangle

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



6837760



2188327



23456



7881349



# Sweetspot

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



6837760



8880223



6815763



4538668



12895428



4539717



# Same Dimension

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



6837760



8876032



4679680



3355182



7560960



15910912



# Inverse Universe

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



4712



6023



2162792



3026739



5235

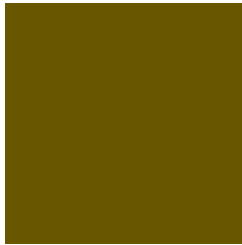


10994



# Previews

## White Background



This preview shows how the Decimal color 6837760 looks on a white background.

## Color Contrast Check

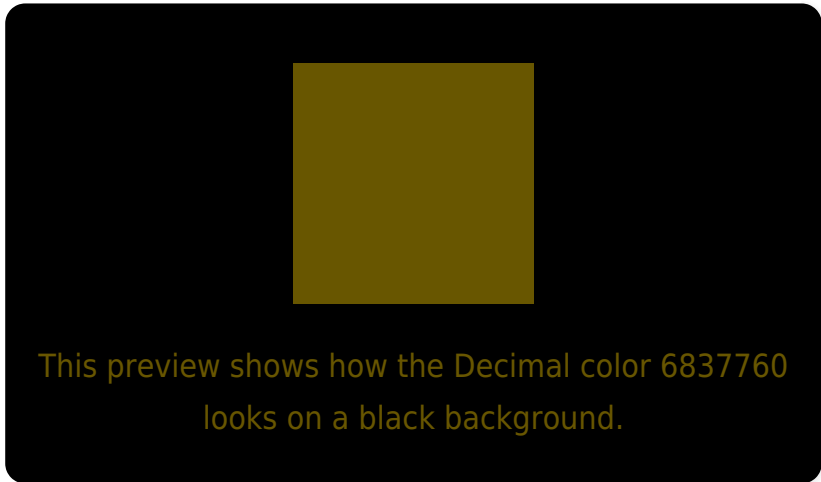
Large Text (above 18pt) WCAG AA ✓ Pass

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 6837760 Background



This preview shows how black text looks on a background with the Decimal color 6837760.



This preview shows how white text looks on a background with the Decimal color 6837760.

# 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**  
6837760

**Protanopia**  
6510596

**Deuteranopia**  
7295753



**Tritanopia**  
7163990

# Trichromacy



**Original Color**  
6837760

**Protanomaly**  
6641411

**Deuteranomaly**  
7099398

**Tritanomaly**  
7033399

# Monochromacy



**Original Color**  
6837760

**Achromatopsia**  
5395026

**Achromatomaly**  
5919540

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6837760 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 #685600 looks like.

```
.text, #text, p{  
  color:#685600  
}
```

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 #685600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #685600
}
```

## Border

The CSS property to change the border of an element to Decimal 6837760 is called "border". The border property can be set on classes, ids or directly on the HTML element.

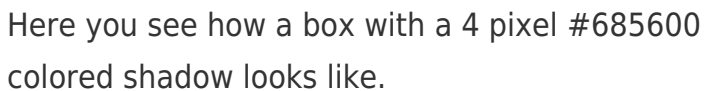
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#685600 }
```

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

```
.border{ border-color:#685600 }
```

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



Here you see how a box with a 4 pixel #685600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #685600; -webkit-box-shadow:4px 4px  
4px 4px #685600; box-shadow:4px 4px 4px  
4px #685600 }
```

# Background

The CSS property to change the background color of an element to Decimal 6837760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#685600 }
```

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

```
.background{ background-color:#685600 }
```

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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