

# Converting Colors

Decimal(6839040)

Have a look what the booklet for  
Decimal(6839040) contains.

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**Color**

**Decimal(6839040)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	685B00
RGB	104, 91, 0
RGB Percent	41%, 36%, 0%
CMY	0.5922, 0.6431, 1.0000
CMYK	0.00, 0.12, 1.00, 0.59
HSL	52°, 100%, 20%
HSV	52°, 100%, 41%
XYZ	9.4500, 10.4252, 1.5142
YIQ	84.5130, 36.9590, -25.5450

# Conversions

## Conversions Part 2

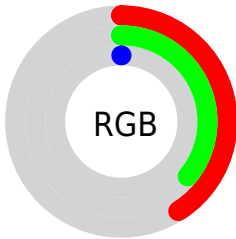
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	15, 104, 0
Decimal	6839040
CIE Lab	38.60, -3.69, 46.03
CIE LCh	39, 46.182, 94.583
Yxy	10.4252, 0.4418, 0.4874
Android (android.graphics.Color)	4285029120 (0xFF685B00)
YUV	84.5130, -41.6649, 17.0901
Hunter-Lab	32.2881, -4.2613, 19.8212

# Details

The Decimal color **6839040** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **3432**, and the grayscale version is **5592405**.

A 20% lighter version of the original color is **10390841**, and **3485184** is the 20% darker color. If you saturate the color by 10%, you get **6839040**, and if you desaturate by 10%, it is **6839306**.

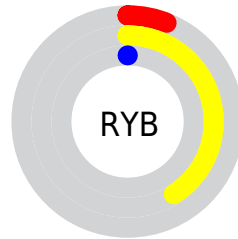
# Distribution



Red (41%)

Green (36%)

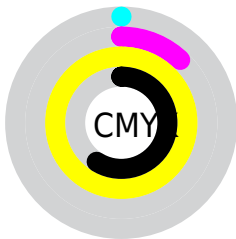
Blue (0%)



Red (6%)

Yellow (41%)

Blue (0%)

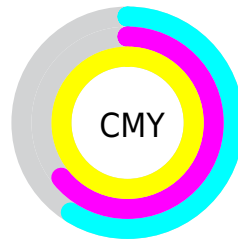


Cyan (0%)

Magenta (12%)

Yellow (100%)

Black (59%)



Cyan (59%)

Magenta (64%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6839040 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 6839040 by changing the saturation by 10% instead.



 6839040

 6839040

 16777205

 5129216

 10390841

 3485184

 12298066

 1841408

 14140011

 0

 16113286

 16775840

 16777148

 16777176

 6839040

 6839306

 6839829

 6840095

 6840362

 6840884

 6841150

 6841417

 6841683

 6842206

# Harmonies

## Analogous

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



8801555



6839040



4285718

# Triad

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



6839040



27781



9190780

# Complementary

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



6839040



3432

# 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.



6508185



6839040



26526

# Square

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



6839040



27744



23974



10302807

# Rectangle

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



6839040



1599789



23974



8471431



# Sweetspot

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



6839040



8880735



6815758



4538924



12895428



4539717



# Same Dimension

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



6839040



8877568



4352000



3355182



7562240



15913984



# Inverse Universe

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



3432



4487



2490472



3026739



3699

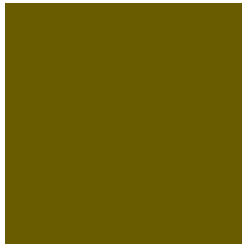


7922



# Previews

## White Background



This preview shows how the Decimal color 6839040 looks on a white background.

## Color Contrast Check

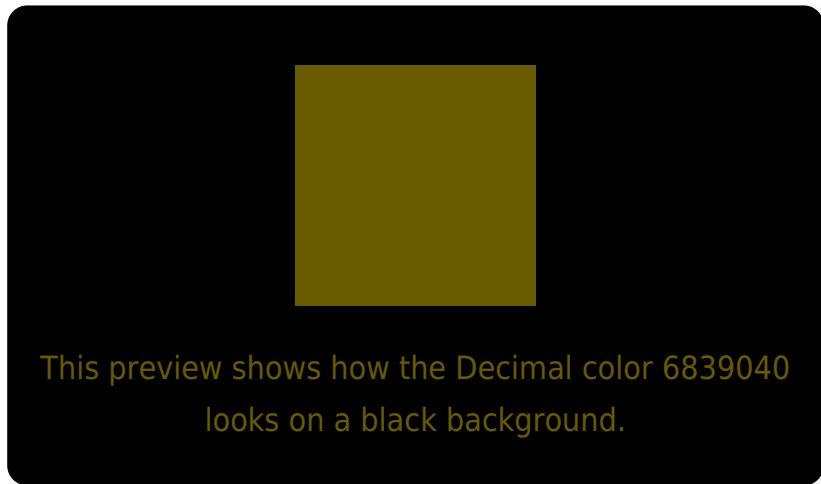
Large Text (above 18pt) WCAG AA ✓ Pass

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 6839040 Background



This preview shows how black text looks on a background with the Decimal color 6839040.



This preview shows how white text looks on a background with the Decimal color 6839040.

# 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**  
6839040

**Protanopia**  
6773506

**Deuteranopia**  
7558667



**Tritanopia**  
7165275

# Trichromacy



**Original Color**  
6839040

**Protanomaly**  
6773505

**Deuteranomaly**  
7297031

**Tritanomaly**  
7034682

# Monochromacy



**Original Color**  
6839040

**Achromatopsia**  
5592405

**Achromatomaly**  
6051638

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6839040 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 #685B00 looks like.

```
.text, #text, p{  
    color:#685B00  
}
```

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 #685B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #685B00
}
```

## Border

The CSS property to change the border of an element to Decimal 6839040 is called "border". The border property can be set on classes, ids or directly on the HTML element.

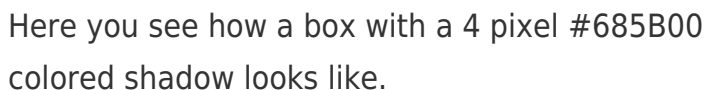
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#685B00 }
```

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

```
.border{ border-color:#685B00 }
```

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



Here you see how a box with a 4 pixel #685B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #685B00; -webkit-box-shadow:4px 4px  
4px 4px #685B00; box-shadow:4px 4px 4px  
4px #685B00 }
```

# Background

The CSS property to change the background color of an element to Decimal 6839040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#685B00 }
```

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

```
.background{ background-color:#685B00 }
```

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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