

# Converting Colors

Decimal(6836576)

Have a look what the booklet for  
Decimal(6836576) contains.

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# Color

**Decimal(6836576)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	685160
RGB	104, 81, 96
RGB Percent	41%, 32%, 38%
CMY	0.5922, 0.6824, 0.6235
CMYK	0.00, 0.22, 0.08, 0.59
HSL	321°, 12%, 36%
HSV	321°, 22%, 41%
XYZ	10.7627, 9.6724, 12.3660
YIQ	89.5870, 8.8930, 9.5410

# Conversions

## Conversions Part 2

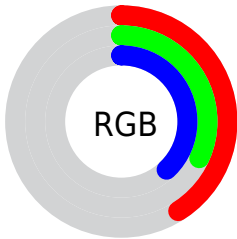
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	104, 81, 96
Decimal	6836576
CIE Lab	37.25, 12.38, -5.05
CIE LCh	37, 13.369, 337.817
Yxy	9.6724, 0.3281, 0.2949
Android (android.graphics.Color)	4285026656 (0xFF685160)
YUV	89.5870, 3.1616, 12.6402
Hunter-Lab	31.1006, 7.3458, -1.8042

# Details

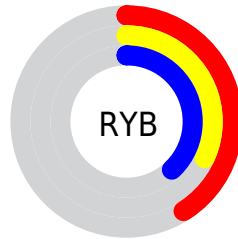
The Decimal color **6836576** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5335129**, and the grayscale version is **5921370**.

A 20% lighter version of the original color is **10191506**, and **3744818** is the 20% darker color. If you saturate the color by 10%, you get **6834012**, and if you desaturate by 10%, it is **6839140**.

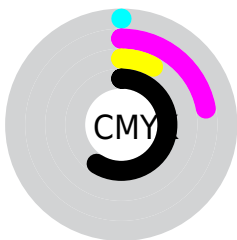
# Distribution



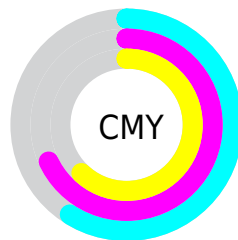
- Red (41%)
- Green (32%)
- Blue (38%)



- Red (41%)
- Yellow (32%)
- Blue (38%)



- Cyan (0%)
- Magenta (22%)
- Yellow (8%)
- Black (59%)



- Cyan (59%)
- Magenta (68%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6836576 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 6836576 by changing the saturation by 10% instead.





6836576



6836576

16777215



5257800



10191506



3744818



11967917



2297885



13809608



65537



15651812



0



16773119



6836576



6836576



6834012



6839140



6831193



6841959

6828629

6844523

6825810

6847342

6823246

6849906

6820682

6852470

6817863

6855289

6815812

6857853

6860673

# Harmonies

## Analogous

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



6116457



6836576



7163989

# Triad

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



6836576



6117442



3824996

# Complementary

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



6836576



5335129

# 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.



3956314



6836576



5331782

# Square

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



6836576



6771780



4545871



4283243

# Rectangle

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



6836576



7229774



4545871



3759713



# Sweetspot

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



6836576



8879748



5853544



4538179



12895428



4539717



# Same Dimension

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



6836576



8872826



6836565



3354161



7536715



15859870



# Inverse Universe

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



6836576



8872826



5335140



3354161



7536715



15859870



# Previews

## White Background



This preview shows how the Decimal color 6836576 looks on a white background.

## Color Contrast Check

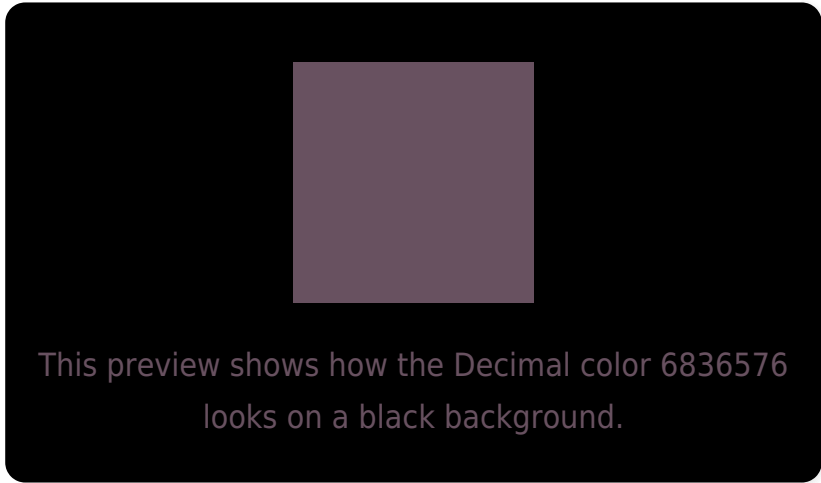
Large Text (above 18pt) WCAG AA ✓ Pass

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

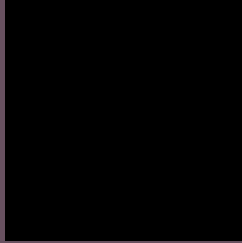
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6836576 Background



This preview shows how black text looks on a background with the Decimal color 6836576.



This preview shows how white text looks on a background with the Decimal color 6836576.

# 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**  
6836576

**Protanopia**  
5658468

**Deuteranopia**  
6116703



**Tritanopia**  
6771289

# Trichromacy



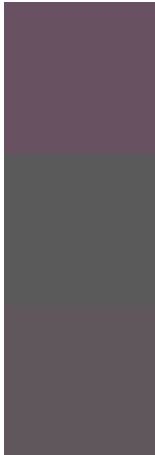
**Original Color**  
6836576

**Protanomaly**  
6116707

**Deuteranomaly**  
6378591

**Tritanomaly**  
6771292

# Monochromacy



**Original Color**  
6836576

**Achromatopsia**  
5921370

**Achromatomaly**  
6248284

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6836576 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 #685160 looks like.

```
.text, #text, p{  
    color:#685160  
}
```

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 #685160 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #685160
}
```

## Border

The CSS property to change the border of an element to Decimal 6836576 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".

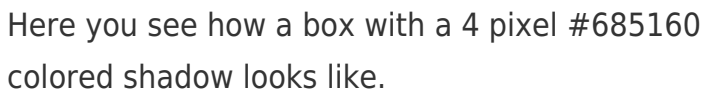
```
.border, #border, table{ border:4px solid
#685160 }
```

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

```
.border{ border-color:#685160 }
```

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

Here you see how a box with a 4 pixel #685160 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #685160; -webkit-box-shadow:4px 4px  
4px 4px #685160; box-shadow:4px 4px 4px  
4px #685160 }
```

# Background

The CSS property to change the background color of an element to Decimal 6836576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#685160 }
```

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

```
.background{ background-color:#685160 }
```

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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