

# Converting Colors

Decimal(6835791)

Have a look what the booklet for  
Decimal(6835791) contains.

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# Color

**Decimal(6835791)**

# Conversions

## Conversions Part 1

Format	Color
Hex	684E4F
RGB	104, 78, 79
RGB Percent	41%, 31%, 31%
CMY	0.5922, 0.6941, 0.6902
CMYK	0.00, 0.25, 0.24, 0.59
HSL	358°, 14%, 36%
HSV	358°, 25%, 41%
XYZ	9.8446, 8.9563, 8.6070
YIQ	85.8880, 15.1750, 5.8230

# Conversions

## Conversions Part 2

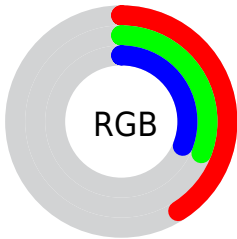
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	104, 78, 79
Decimal	6835791
CIE Lab	35.90, 11.11, 3.65
CIE LCh	36, 11.690, 18.187
Yxy	8.9563, 0.3592, 0.3268
Android (android.graphics.Color)	4285025871 (0xFF684E4F)
YUV	85.8880, -3.3958, 15.8842
Hunter-Lab	29.9272, 6.3454, 3.8973

# Details

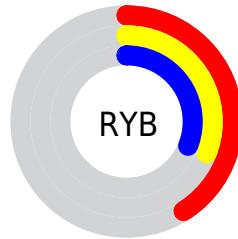
The Decimal color **6835791** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5138535**, and the grayscale version is **5658198**.

A 20% lighter version of the original color is **10256256**, and **3678499** is the 20% darker color. If you saturate the color by 10%, you get **6833221**, and if you desaturate by 10%, it is **6838361**.

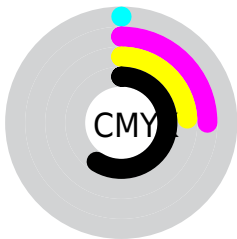
# Distribution



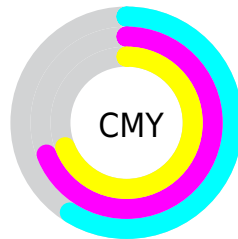
- Red (41%)
- Green (31%)
- Blue (31%)



- Red (41%)
- Yellow (31%)
- Blue (31%)



- Cyan (0%)
- Magenta (25%)
- Yellow (24%)
- Black (59%)



- Cyan (59%)
- Magenta (69%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6835791 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 6835791 by changing the saturation by 10% instead.



■ 6835791

■ 6835791

16777215

■ 5257016

■ 10256256

■ 3678499

■ 12032410

■ 2296845

■ 13874357

■ 0

■ 15716560

■ 16772333

■ 6835791

■ 6835791

■ 6833221

■ 6838361

■ 6830395

■ 6841187

6827825

6843757

6824999

6846583

6822429

6849153

6819859

6851723

6817033

6854549

6815748

6857119

6859945

# Harmonies

## Analogous

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



6639193



6835791



6705223

# Triad

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



6835791



4937800



4544102

# Complementary

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



6835791



5138535

# 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.



4020578



6835791



4282960

# Square

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



6835791



5658179



3889754



5329766

# Rectangle

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



6835791



6443587



3889754



4347750



# Sweetspot

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



6835791



8879229



6770280



4537918



12895428



4539717



# Same Dimension

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



6835791



8871776



6838862



3354158



7536644



15859721



# Inverse Universe

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



6835791



8871776



5135464



3354158



7536644



15859721



# Previews

## White Background



This preview shows how the Decimal color 6835791 looks on a white background.

## Color Contrast Check

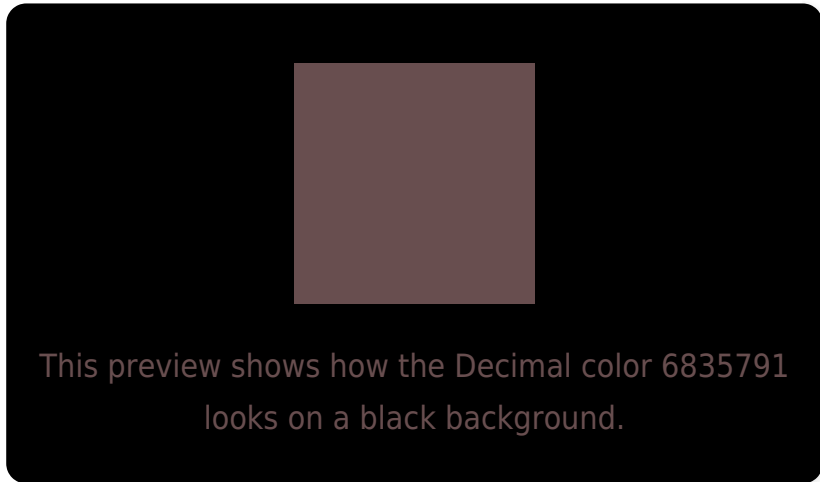
Large Text (above 18pt) WCAG AA ✓ Pass

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 6835791 Background



This preview shows how black text looks on a background with the Decimal color 6835791.



This preview shows how white text looks on a background with the Decimal color 6835791.

# 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**  
6835791

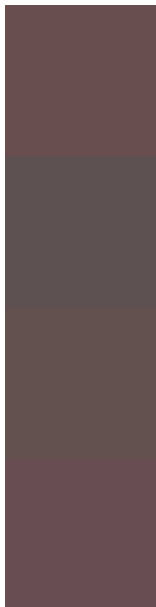
**Protanopia**  
5723218

**Deuteranopia**  
6246990



**Tritanopia**  
6835539

# Trichromacy



**Original Color**

6835791

**Protanomaly**

6115921

**Deuteranomaly**

6443342

**Tritanomaly**

6835538

# Monochromacy



**Original Color**

6835791

**Achromatopsia**

5658198

**Achromatomaly**

6116179

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6835791 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 #684E4F looks like.

```
.text, #text, p{  
  color:#684E4F  
}
```

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 #684E4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #684E4F
}
```

## Border

The CSS property to change the border of an element to Decimal 6835791 is called "border". The border property can be set on classes, ids or directly on the HTML element.

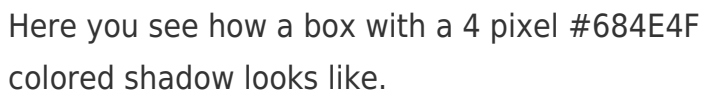
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#684E4F }
```

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

```
.border{ border-color:#684E4F }
```

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



Here you see how a box with a 4 pixel #684E4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #684E4F; -webkit-box-shadow:4px 4px  
4px 4px #684E4F; box-shadow:4px 4px 4px  
4px #684E4F }
```

# Background

The CSS property to change the background color of an element to Decimal 6835791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#684E4F }
```

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

```
.background{ background-color:#684E4F }
```

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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