

Converting Colors

Decimal(6835797)

Have a look what the booklet for
Decimal(6835797) contains.

| | |
|--|----|
| Decimal(6835797) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Decimal(6835797)

Conversions

Conversions Part 1

| Format | Color |
|---------------|--------------------------|
| Hex | 684E55 |
| RGB | 104, 78, 85 |
| RGB Percent | 41%, 31%, 33% |
| CMY | 0.5922, 0.6941, 0.6667 |
| CMYK | 0.00, 0.25, 0.18, 0.59 |
| HSL | 344°, 14%, 36% |
| HSV | 344°, 25%, 41% |
| XYZ | 10.0730, 9.0477, 9.8098 |
| YIQ | 86.5720, 13.2490, 7.6890 |

Conversions

Conversions Part 2

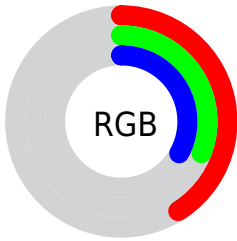
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 104, 78, 85 |
| Decimal | 6835797 |
| CIE Lab | 36.08, 12.15, 0.13 |
| CIE LCh | 36, 12.151, 0.597 |
| Yxy | 9.0477, 0.3482, 0.3127 |
| Android (android.graphics.Color) | 4285025877 (0xFF684E55) |
| YUV | 86.5720, -0.7750, 15.2844 |
| Hunter-Lab | 30.0794, 7.1371, 1.7193 |

Details

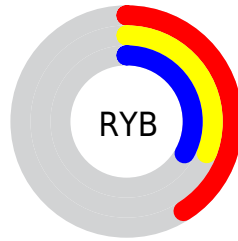
The Decimal color **6835797** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5138529**, and the grayscale version is **5723991**.

A 20% lighter version of the original color is **10256263**, and **3678504** is the 20% darker color. If you saturate the color by 10%, you get **6833229**, and if you desaturate by 10%, it is **6838365**.

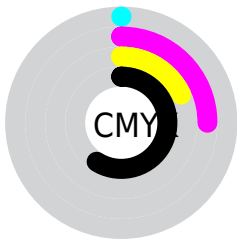
Distribution



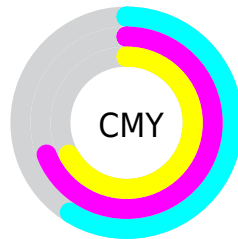
- Red (41%)
- Green (31%)
- Blue (33%)



- Red (41%)
- Yellow (31%)
- Blue (33%)



- Cyan (0%)
- Magenta (25%)
- Yellow (18%)
- Black (59%)



- Cyan (59%)
- Magenta (69%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6835797 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 6835797 by changing the saturation by 10% instead.



6835797



6835797

16777215



5257022



10256263



3678504



12032417



2296852



13808828



0



15716567



16772340



6835797



6835797



6833229



6838365



6830406



6841188

6827838

6843756

6825015

6846579

6822447

6849147

6819879

6851715

6817056

6854538

6815772

6857106

6859929

Harmonies

Analogous

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



6442847



6835797



6901579

Triad

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



6835797



5330756



4151397

Complementary

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



6835797



5138529

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.



3824222



6835797



4610379

Square

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



6835797



6050881



4086357



4871784

Rectangle

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



6835797



6705222



4086357



3955044

Sweetspot

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



6835797



8879231



6377064



4537920



12895428



4539717

Same Dimension

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



6835797



8871786



6837326



3354159



7536671



15859777

Inverse Universe

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



6835797



8871786



5137000



3354159



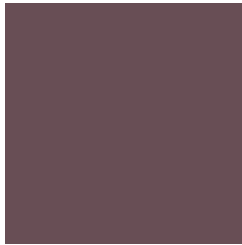
7536671



15859777

Previews

White Background



This preview shows how the Decimal color 6835797 looks on a white background.

Color Contrast Check

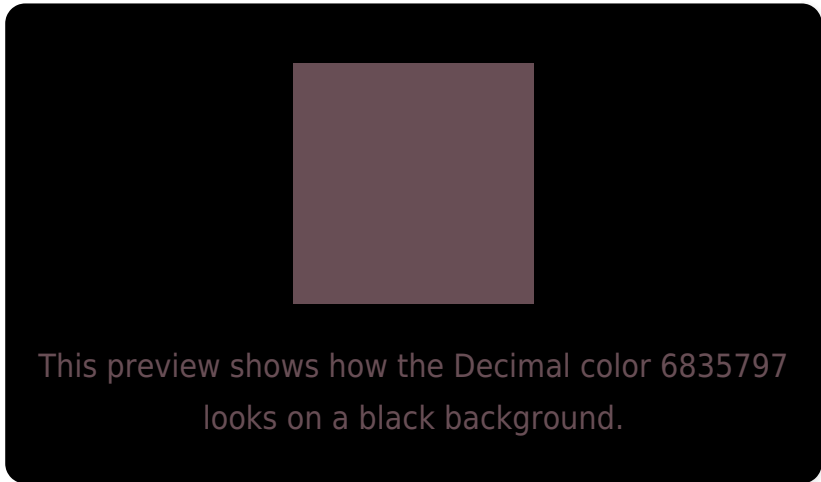
Large Text (above 18pt) WCAG AA ✓ Pass

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

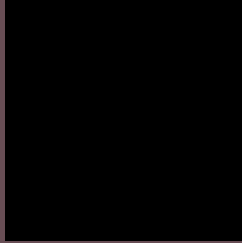
Any Text WCAG AA × Fail

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 6835797 Background



This preview shows how black text looks on a background with the Decimal color 6835797.



This preview shows how white text looks on a background with the Decimal color 6835797.

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
6835797

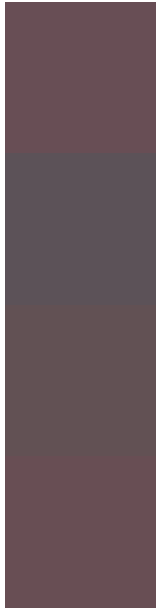
Protanopia
5592409

Deuteranopia
6181460



Tritanopia
6835796

Trichromacy



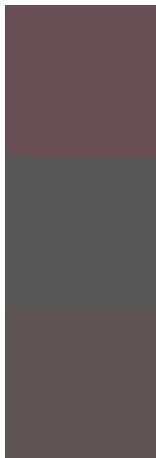
Original Color
6835797

Protanomaly
6050392

Deuteranomaly
6443348

Tritanomaly
6835796

Monochromacy



Original Color
6835797

Achromatopsia
5723991

Achromatomaly
6116438

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6835797 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 #684E55 looks like.

```
.text, #text, p{  
    color:#684E55  
}
```

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 #684E55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #684E55
}
```

Border

The CSS property to change the border of an element to Decimal 6835797 is called "border". The border property can be set on classes, ids or directly on the HTML element.

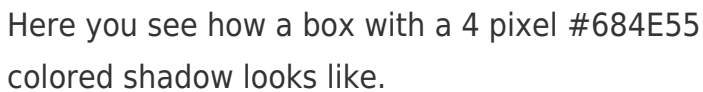
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#684E55 }
```

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

```
.border{ border-color:#684E55 }
```

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



Here you see how a box with a 4 pixel #684E55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #684E55; -webkit-box-shadow:4px 4px  
4px 4px #684E55; box-shadow:4px 4px 4px  
4px #684E55 }
```

Background

The CSS property to change the background color of an element to Decimal 6835797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#684E55 }
```

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

```
.background{ background-color:#684E55 }
```

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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