

# Converting Colors

Decimal(6835295)

Have a look what the booklet for  
Decimal(6835295) contains.

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# Color

**Decimal(6835295)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	684C5F
RGB	104, 76, 95
RGB Percent	41%, 30%, 37%
CMY	0.5922, 0.7020, 0.6275
CMYK	0.00, 0.27, 0.09, 0.59
HSL	319°, 16%, 35%
HSV	319°, 27%, 41%
XYZ	10.3589, 8.9382, 12.0057
YIQ	86.5380, 10.5890, 11.8450

# Conversions

## Conversions Part 2

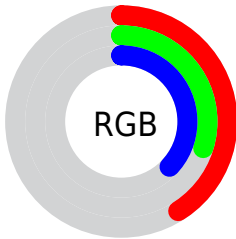
<b>Format</b>	<b>Color</b>
<b>RYB</b>	104, 76, 95
Decimal	6835295
CIELab	35.86, 15.28, -6.48
CIELCh	36, 16.596, 337.009
Yxy	8.9382, 0.3309, 0.2855
Android (android.graphics.Color)	4285025375 (0xFF684C5F)
YUV	86.5380, 4.1718, 15.3142
Hunter-Lab	29.8968, 9.5291, -2.8815

# Details

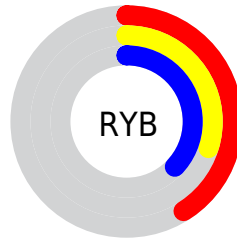
The Decimal color **6835295** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5007445**, and the grayscale version is **5658198**.

A 20% lighter version of the original color is **10255761**, and **3678001** is the 20% darker color. If you saturate the color by 10%, you get **6832732**, and if you desaturate by 10%, it is **6837858**.

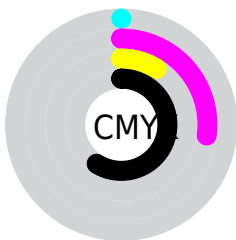
# Distribution



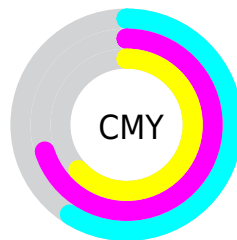
- Red (41%)
- Green (30%)
- Blue (37%)



- Red (41%)
- Yellow (30%)
- Blue (37%)



- Cyan (0%)
- Magenta (27%)
- Yellow (9%)
- Black (59%)



- Cyan (59%)
- Magenta (70%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6835295 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 6835295 by changing the saturation by 10% instead.



6835295

6835295

16777215

5256519

10255761

3678001

12031916

2296348

13808327

0

15715811

16771839

6835295

6835295

6832732

6837858

6829912

6840678

6827349

6843241

6824530

6846060

6821966

6848624

6819403

6851187

6816584

6854006

6815815

6856570

6859389

# Harmonies

## Analogous

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



5918826



6835295



7293778

# Triad

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



6835295



5985594



2906980

# Complementary

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



6835295



5007445

# 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.



3169367



6835295



5003327

# Square

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



6835295



6770748



4021066



3561836

# Rectangle

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



6835295



7293769



4021066



2906976



# Sweetspot

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



6835295



8879236



5590120



4537923



12895428



4539717



# Same Dimension

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



6835295



8871033



6835281



3354161



7536718



15859876



# Inverse Universe

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



6835295



8871033



5007459



3354161



7536718



15859876



# Previews

## White Background



This preview shows how the Decimal color 6835295 looks on a white background.

## Color Contrast Check

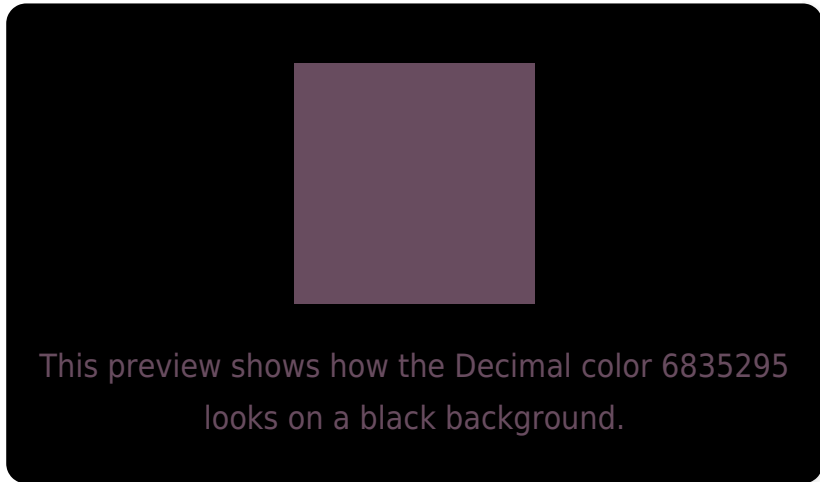
Large Text (above 18pt) WCAG AA ✓ Pass

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

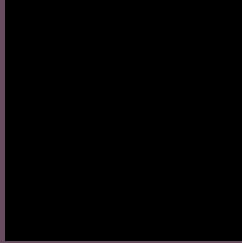
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6835295 Background



This preview shows how black text looks on a background with the Decimal color 6835295.



This preview shows how white text looks on a background with the Decimal color 6835295.

# 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**  
6835295

**Protanopia**  
5330020

**Deuteranopia**  
5853790



# Trichromacy



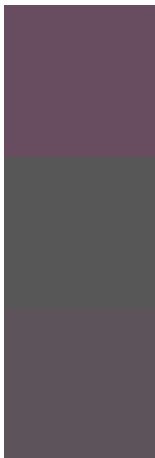
**Original Color**  
6835295

**Protanomaly**  
5853538

**Deuteranomaly**  
6180958

**Tritanomaly**  
6770008

# Monochromacy



**Original Color**  
6835295

**Achromatopsia**  
5723991

**Achromatomaly**  
6116186

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6835295 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 #684C5F looks like.

```
.text, #text, p{  
    color:#684C5F  
}
```

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 #684C5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #684C5F
}
```

## Border

The CSS property to change the border of an element to Decimal 6835295 is called "border". The border property can be set on classes, ids or directly on the HTML element.

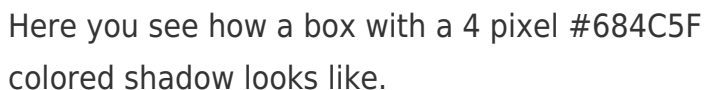
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#684C5F }
```

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

```
.border{ border-color:#684C5F }
```

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



Here you see how a box with a 4 pixel #684C5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #684C5F; -webkit-box-shadow:4px 4px  
4px 4px #684C5F; box-shadow:4px 4px 4px  
4px #684C5F }
```

# Background

The CSS property to change the background color of an element to Decimal 6835295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#684C5F }
```

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

```
.background{ background-color:#684C5F }
```

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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