

# Converting Colors

Decimal(6815835)

Have a look what the booklet for  
Decimal(6815835) contains.

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**Color**

**Decimal(6815835)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	68005B
RGB	104, 0, 91
RGB Percent	41%, 0%, 36%
CMY	0.5922, 1.0000, 0.6431
CMYK	0.00, 1.00, 0.12, 0.59
HSL	308°, 100%, 20%
HSV	308°, 100%, 41%
XYZ	7.5972, 3.6984, 10.2110
YIQ	41.4700, 32.7730, 50.3490

# Conversions

## Conversions Part 2

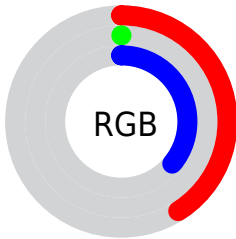
Format	Color
<a href="#">RYB</a>	104, 0, 91
Decimal	6815835
CIELab	22.65, 48.80, -24.23
CIElCh	23, 54.480, 333.592
Yxy	3.6984, 0.3533, 0.1720
Android (android.graphics.Color)	4285005915 (0xFF68005B)
YUV	41.4700, 24.4183, 54.8388
Hunter-Lab	19.2312, 36.8615, -18.0187

# Details

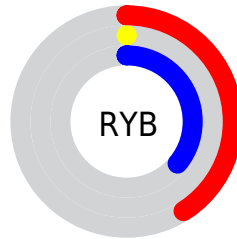
The Decimal color **6815835** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **26637**, and the grayscale version is **2697513**.

A 20% lighter version of the original color is **10371214**, and **3538989** is the 20% darker color. If you saturate the color by 10%, you get **6815835**, and if you desaturate by 10%, it is **6818396**.

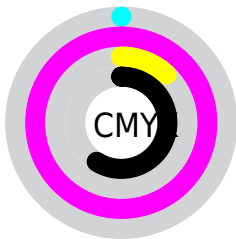
# Distribution



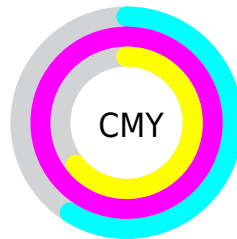
- Red (41%)
- Green (0%)
- Blue (36%)



- Red (41%)
- Yellow (0%)
- Blue (36%)



- Cyan (0%)
- Magenta (100%)
- Yellow (12%)
- Black (59%)



- Cyan (59%)
- Magenta (100%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6815835 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 6815835 by changing the saturation by 10% instead.



 6815835

 6815835

16777215

 5111875

 10371214

 3538989

 12213160

 1638423

 14120387

 0

 16027871

 16755964

 16763135

 16770303

 6815835

■ 6818396

■ 6821214

■ 6823775

■ 6826592

■ 6829154

■ 6831715

■ 6834532

■ 6837093

■ 6839911

# Harmonies

## Analogous

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



3483771



6815835



7929907

# Triad

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



6815835



4142592



18019

# Complementary

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



6815835



26637

# 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.



17978



6815835



1130496

# Square

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



6815835



6235392



17421



17280

# Rectangle

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



6815835



7864345



17421



18006



# Sweetspot

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



6815835



8871810



786536



4533314



12895428



4539717



# Same Dimension

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



6815835



8847478



6815784



3354162



7536740



15859924



# Inverse Universe

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



6815835



8847478



26688



3354162



7536740



15859924



# Previews

## White Background



This preview shows how the Decimal color 6815835 looks on a white background.

## Color Contrast Check

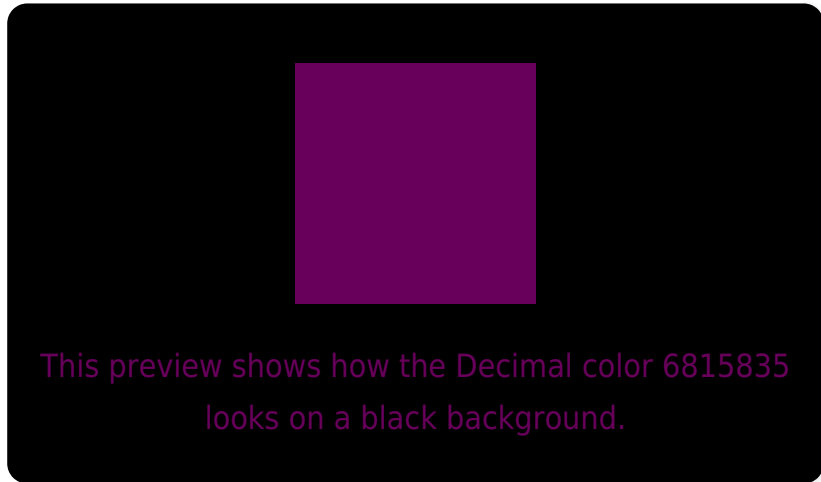
Large Text (above 18pt) WCAG AA ✓ Pass

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

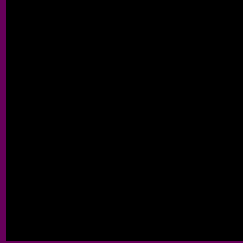
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6815835 Background



This preview shows how black text looks on a background with the Decimal color 6815835.




This preview shows how white text looks on a background with the Decimal color 6815835.

# 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





**Tritanopia**  
6497318

# Trichromacy



**Original Color**  
6815835

**Protanomaly**  
2499693

**Deuteranomaly**  
4400471

**Tritanomaly**  
6625081

# Monochromacy



**Original Color**  
6815835

**Achromatopsia**  
2697513

**Achromatomaly**  
4201019

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6815835 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 #68005B looks like.

```
.text, #text, p{  
    color:#68005B  
}
```

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 #68005B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68005B
}
```

## Border

The CSS property to change the border of an element to Decimal 6815835 is called "border". The border property can be set on classes, ids or directly on the HTML element.

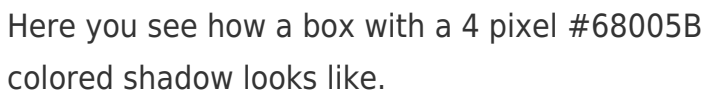
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#68005B }
```

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

```
.border{ border-color:#68005B }
```

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



Here you see how a box with a 4 pixel #68005B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68005B; -webkit-box-shadow:4px 4px  
4px 4px #68005B; box-shadow:4px 4px 4px  
4px #68005B }
```

# Background

The CSS property to change the background color of an element to Decimal 6815835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68005B }
```

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

```
.background{ background-color:#68005B }
```

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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