

Converting Colors

Decimal(6815789)

Have a look what the booklet for
Decimal(6815789) contains.

Decimal(6815789)	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(6815789)

Conversions

Conversions Part 1

Format	Color
Hex	68002D
RGB	104, 0, 45
RGB Percent	41%, 0%, 18%
CMY	0.5922, 1.0000, 0.8235
CMYK	0.00, 1.00, 0.57, 0.59
HSL	334°, 100%, 20%
HSV	334°, 100%, 41%
XYZ	6.1826, 3.1325, 2.7614
YIQ	36.2260, 47.5390, 36.0430

Conversions

Conversions Part 2

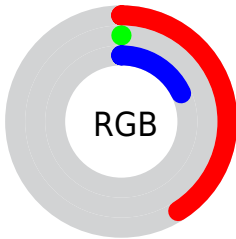
Format	Color
R_{YB}	104, 0, 45
Decimal	6815789
CIE Lab	20.57, 43.47, 4.29
CIE LCh	21, 43.680, 5.631
Yxy	3.1325, 0.5120, 0.2594
Android (android.graphics.Color)	4285005869 (0xFF68002D)
YUV	36.2260, 4.3256, 59.4378
Hunter-Lab	17.6989, 31.3804, 3.1388

Details

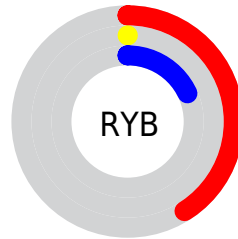
The Decimal color **6815789** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **26683**, and the grayscale version is **2368548**.

A 20% lighter version of the original color is **10501466**, and **3538946** is the 20% darker color. If you saturate the color by 10%, you get **6815789**, and if you desaturate by 10%, it is **6818355**.

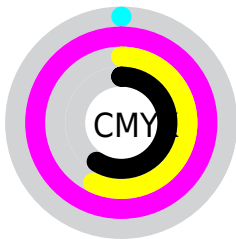
Distribution



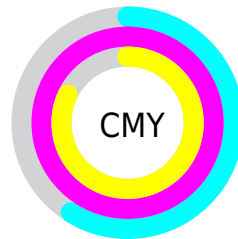
- Red (41%)
- Green (0%)
- Blue (18%)



- Red (41%)
- Yellow (0%)
- Blue (18%)



- Cyan (0%)
- Magenta (100%)
- Yellow (57%)
- Black (59%)



- Cyan (59%)
- Magenta (100%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6815789 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 6815789 by changing the saturation by 10% instead.

 6815789

 6815789

 16776703

 5046297

 10501466

 3538946

 12408691

 458752

 14316172

 0

 16288935

 16754882

 16762078

 16769274

 6815789

■ 6818355

■ 6821177

■ 6823743

■ 6826565

■ 6829130

■ 6831696

■ 6834518

■ 6837084

■ 6839906

Harmonies

Analogous

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



5967949



6815789



6492685

Triad

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



6815789



1522176



15468

Complementary

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



6815789



26683

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.



16214



6815789



15637

Square

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



6815789



3748352



16183



13426

Rectangle

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



6815789



5906432



16183



15719

Sweetspot

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



6815789



8871792



3866728



4533303



12895428



4539717

Same Dimension

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



6815789



8847418



6817536



3354160



7536690



15859817

Inverse Universe

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



6815789



8847418



24936



3354160



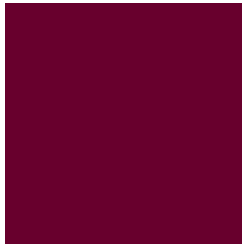
7536690



15859817

Previews

White Background



This preview shows how the Decimal color 6815789 looks on a white background.

Color Contrast Check

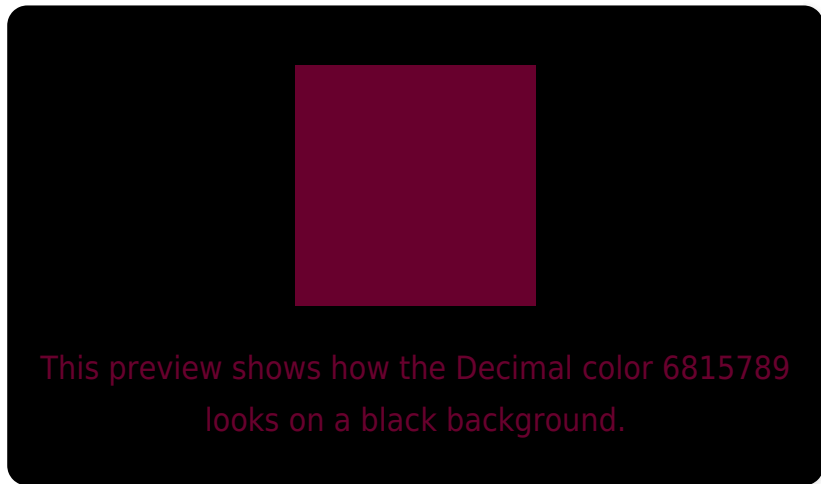
Large Text (above 18pt) WCAG AA ✓ Pass

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 6815789 Background



This preview shows how black text looks on a background with the Decimal color 6815789.



This preview shows how white text looks on a background with the Decimal color 6815789.

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
6815789

Protanopia
3355969

Deuteranopia
4141865

Trichromacy



Original Color
6815789

Protanomaly
4596282

Deuteranomaly
5120042

Tritanomaly
6753051

Monochromacy



Original Color
6815789

Achromatopsia
2368548

Achromatomaly
4003623

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6815789 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 #68002D looks like.

```
.text, #text, p{  
  color:#68002D  
}
```

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 #68002D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68002D
}
```

Border

The CSS property to change the border of an element to Decimal 6815789 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".

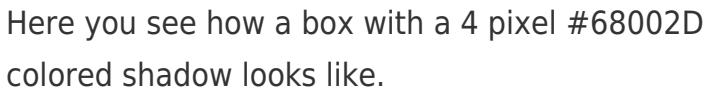
```
.border, #border, table{ border:4px solid
#68002D }
```

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

```
.border{ border-color:#68002D }
```

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

Here you see how a box with a 4 pixel #68002D colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #68002D colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68002D; -webkit-box-shadow:4px 4px  
4px 4px #68002D; box-shadow:4px 4px 4px  
4px #68002D }
```

Background

The CSS property to change the background color of an element to Decimal 6815789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68002D }
```

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

```
.background{ background-color:#68002D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor