

Converting Colors

Decimal(6815780)

Have a look what the booklet for
Decimal(6815780) contains.

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Color

Decimal(6815780)

Conversions

Conversions Part 1

Format	Color
Hex	680024
RGB	104, 0, 36
RGB Percent	41%, 0%, 14%
CMY	0.5922, 1.0000, 0.8588
CMYK	0.00, 1.00, 0.65, 0.59
HSL	339°, 100%, 20%
HSV	339°, 100%, 41%
XYZ	6.0274, 3.0704, 1.9440
YIQ	35.2000, 50.4280, 33.2440

Conversions

Conversions Part 2

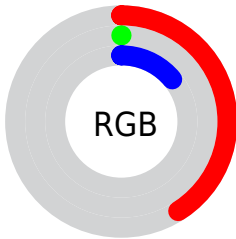
Format	Color
RYB	104, 0, 36
Decimal	6815780
CIELab	20.32, 42.82, 10.35
CIELCh	20, 44.054, 13.593
Yxy	3.0704, 0.5459, 0.2781
Android (android.graphics.Color)	4285005860 (0xFF680024)
YUV	35.2000, 0.3944, 60.3376
Hunter-Lab	17.5226, 30.7350, 5.6880

Details

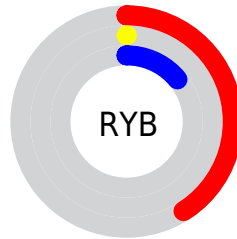
The Decimal color **6815780** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **26692**, and the grayscale version is **2302755**.

A 20% lighter version of the original color is **10501456**, and **3473410** is the 20% darker color. If you saturate the color by 10%, you get **6815780**, and if you desaturate by 10%, it is **6818347**.

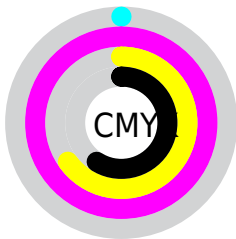
Distribution



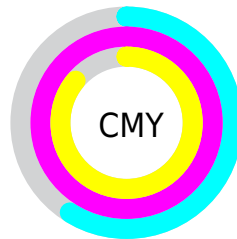
- Red (41%)
- Green (0%)
- Blue (14%)



- Red (41%)
- Yellow (0%)
- Blue (14%)



- Cyan (0%)
- Magenta (100%)
- Yellow (65%)
- Black (59%)



- Cyan (59%)
- Magenta (100%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6815780 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 6815780 by changing the saturation by 10% instead.

 6815780

 6815780

 16776703

 5046287

 10501456

 3473410

 12408680

 196608

 14381441

 0

 16354459

 16754614

 16761809

 16769262

 6815780

■ 6818347

■ 6821170

■ 6823736

■ 6826559

■ 6829126

■ 6831693

■ 6834516

■ 6837082

■ 6839905

Harmonies

Analogous

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



6293316



6815780



6297344

Triad

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



6815780



276992



14960

Complementary

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



6815780



26692

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.



15965



6815780



15645

Square

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



6815780



3159040



16191



12401

Rectangle

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



6815780



5448704



16191



15467

Sweetspot

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



6815780



8871789



4456552



4533301



12895428



4539717

Same Dimension

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



6815780



8847407



6819840



3354160



7536680



15859796

Inverse Universe

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



6815780



8847407



22632



3354160



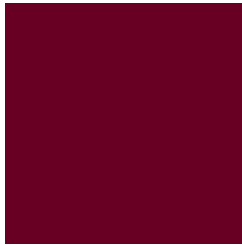
7536680



15859796

Previews

White Background



This preview shows how the Decimal color 6815780 looks on a white background.

Color Contrast Check

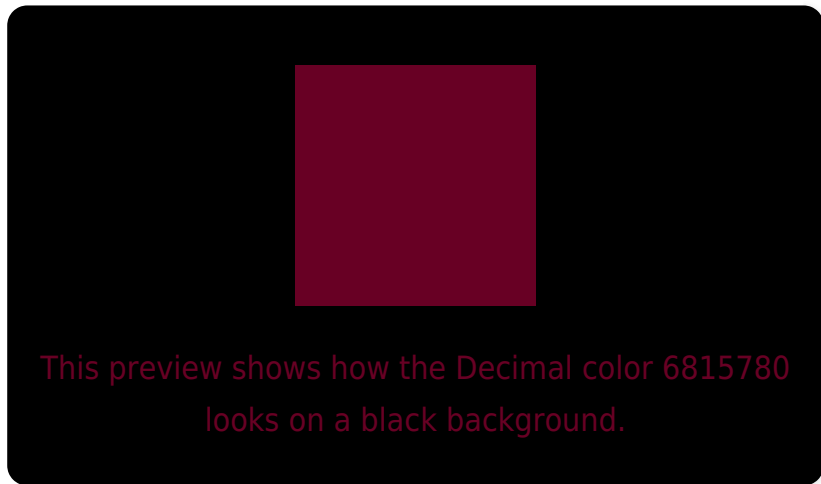
Large Text (above 18pt) WCAG AA ✓ Pass

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

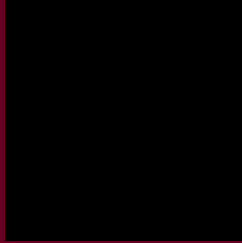
Any Text WCAG AA × Fail

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 6815780 Background



This preview shows how black text looks on a background with the Decimal color 6815780.



This preview shows how white text looks on a background with the Decimal color 6815780.

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
6815780

Protanopia
3552565

Deuteranopia
4272927



Tritanopia
6754061

Trichromacy



Original Color
6815780

Protanomaly
4727343

Deuteranomaly
5185569

Tritanomaly
6752789

Monochromacy



Original Color
6815780

Achromatopsia
2302755

Achromatomaly
3937827

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6815780 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 #680024 looks like.

```
.text, #text, p{  
    color:#680024  
}
```

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 #680024 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #680024
}
```

Border

The CSS property to change the border of an element to Decimal 6815780 is called "border". The border property can be set on classes, ids or directly on the HTML element.

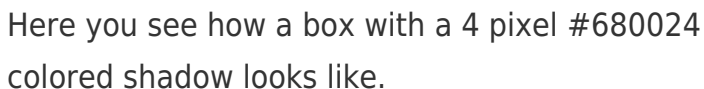
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#680024 }
```

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

```
.border{ border-color:#680024 }
```

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



Here you see how a box with a 4 pixel #680024 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #680024; -webkit-box-shadow:4px 4px  
4px 4px #680024; box-shadow:4px 4px 4px  
4px #680024 }
```

Background

The CSS property to change the background color of an element to Decimal 6815780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#680024 }
```

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

```
.background{ background-color:#680024 }
```

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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