

Converting Colors

Decimal(6815746)

Have a look what the booklet for
Decimal(6815746) contains.

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Color

Decimal(6815746)

Conversions

Conversions Part 1

Format	Color
Hex	680002
RGB	104, 0, 2
RGB Percent	41%, 0%, 1%
CMY	0.5922, 1.0000, 0.9922
CMYK	0.00, 1.00, 0.98, 0.59
HSL	359°, 100%, 20%
HSV	359°, 100%, 41%
XYZ	5.7199, 2.9474, 0.3249
YIQ	31.3240, 61.3420, 22.6700

Conversions

Conversions Part 2

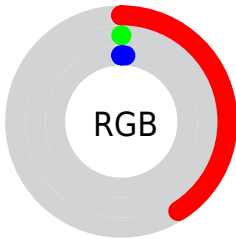
Format	Color
RYB	104, 0, 2
Decimal	6815746
CIELab	19.83, 41.49, 29.55
CIELCh	20, 50.935, 35.456
Yxy	2.9474, 0.6361, 0.3278
Android (android.graphics.Color)	4285005826 (0xFF680002)
YUV	31.3240, -14.4567, 63.7369
Hunter-Lab	17.1681, 29.4264, 10.8957

Details

The Decimal color **6815746** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **26726**, and the grayscale version is **2039583**.

A 20% lighter version of the original color is **10632240**, and **3342338** is the 20% darker color. If you saturate the color by 10%, you get **6815746**, and if you desaturate by 10%, it is **6818316**.

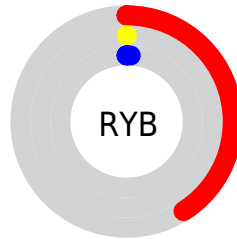
Distribution



Red (41%)

Green (0%)

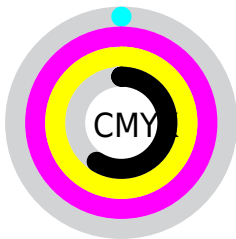
Blue (1%)



Red (41%)

Yellow (0%)

Blue (1%)

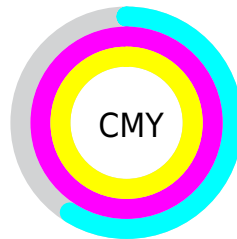


Cyan (0%)

Magenta (100%)

Yellow (98%)

Black (59%)



Cyan (59%)

Magenta (100%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6815746 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 6815746 by changing the saturation by 10% instead.

 6815746

 6815746

 16776163

 4915200

 10632240

 3342338

 12604999

 0

 14577759

 16616055

 16754321

 16761516

 16768711

 6815746

■ 6818316

■ 6821142

■ 6823713

■ 6826539

■ 6829109

■ 6831679

■ 6834505

■ 6837076

■ 6839902

Harmonies

Analogous

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



7209003



6815746



5513472

Triad

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



6815746



15629



13180

Complementary

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



6815746



26726

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.



15477



6815746



15926

Square

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



6815746



604416



16219



3351150

Rectangle

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



6815746



4271360



16219



14204

Sweetspot

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



6815746



8871775



6619240



4533293



12895428



4539717

Same Dimension

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



6815746



8847363



6828288



3354158



7536642



15859717

Inverse Universe

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



6815746



8847363



14184



3354158



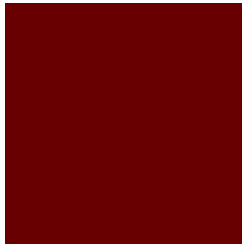
7536642



15859717

Previews

White Background



This preview shows how the Decimal color 6815746 looks on a white background.

Color Contrast Check

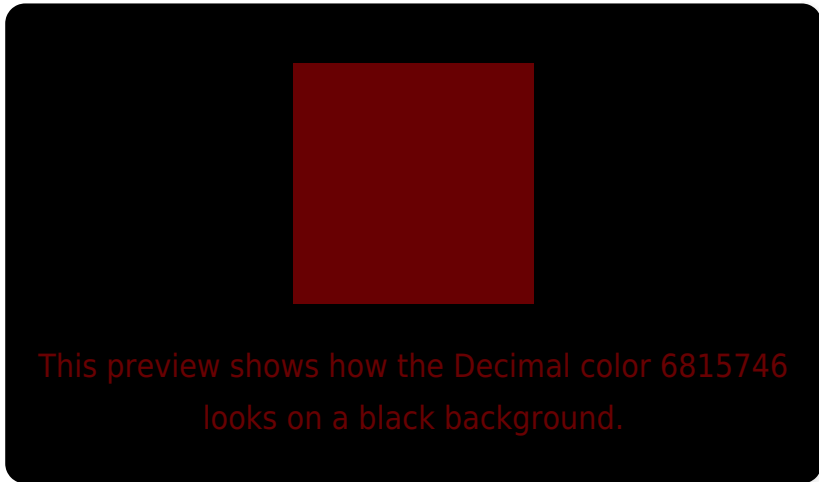
Large Text (above 18pt) WCAG AA ✓ Pass

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

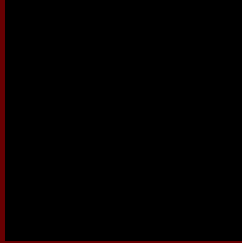
Any Text WCAG AA × Fail

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 6815746 Background



This preview shows how black text looks on a background with the Decimal color 6815746.



This preview shows how white text looks on a background with the Decimal color 6815746.

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

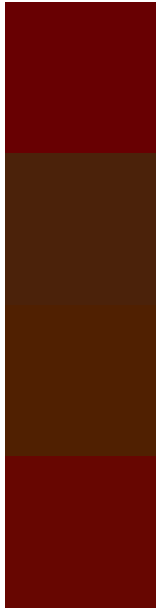


Original Color
6815746

Protanopia
3880206

Deuteranopia
4338176

Trichromacy



Original Color
6815746

Protanomaly
4923914

Deuteranomaly
5251073

Tritanomaly
6751745

Monochromacy



Original Color
6815746

Achromatopsia
2039583

Achromatomaly
3806228

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6815746 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 #680002 looks like.

```
.text, #text, p{  
    color:#680002  
}
```

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 #680002 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #680002
}
```

Border

The CSS property to change the border of an element to Decimal 6815746 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".

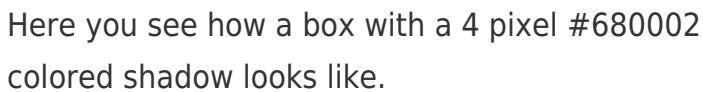
```
.border, #border, table{ border:4px solid
#680002 }
```

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

```
.border{ border-color:#680002 }
```

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

Here you see how a box with a 4 pixel #680002 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 #680002 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #680002; -webkit-box-shadow:4px 4px  
4px 4px #680002; box-shadow:4px 4px 4px  
4px #680002 }
```

Background

The CSS property to change the background color of an element to Decimal 6815746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#680002 }
```

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

```
.background{ background-color:#680002 }
```

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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