

Converting Colors

Decimal(6815878)

Have a look what the booklet for
Decimal(6815878) contains.

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Color

Decimal(6815878)

Conversions

Conversions Part 1

Format	Color
Hex	680086
RGB	104, 0, 134
RGB Percent	41%, 0%, 53%
CMY	0.5922, 1.0000, 0.4745
CMYK	0.22, 1.00, 0.00, 0.47
HSL	287°, 100%, 26%
HSV	287°, 100%, 53%
XYZ	10.0120, 4.6643, 22.9269
YIQ	46.3720, 18.9700, 63.7220

Conversions

Conversions Part 2

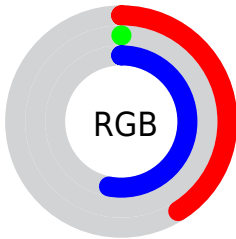
Format	Color
R_{YB}	104, 0, 134
Decimal	6815878
CIE _{Lab}	25.76, 56.15, -46.99
CIE _{LCh}	26, 73.222, 320.076
Yxy	4.6643, 0.2663, 0.1240
Android (android.graphics.Color)	4285005958 (0xFF680086)
YUV	46.3720, 43.2006, 50.5398
Hunter-Lab	21.5970, 44.9550, -47.8231

Details

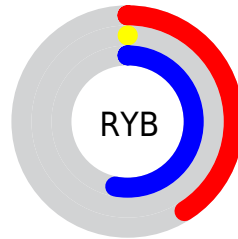
The Decimal color **6815878** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **2000384**, and the grayscale version is **3026478**.

A 20% lighter version of the original color is **10437564**, and **3276883** is the 20% darker color. If you saturate the color by 10%, you get **6815878**, and if you desaturate by 10%, it is **7015814**.

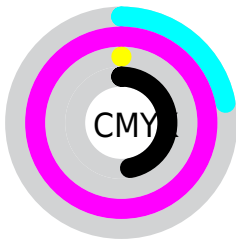
Distribution



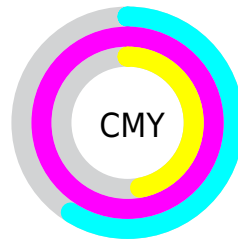
- Red (41%)
- Green (0%)
- Blue (53%)



- Red (41%)
- Yellow (0%)
- Blue (53%)



- Cyan (22%)
- Magenta (100%)
- Yellow (0%)
- Black (47%)



- Cyan (59%)
- Magenta (100%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6815878 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 6815878 by changing the saturation by 10% instead.

6815878

6815878

16777215

5046380

10437564

3276883

12345048

1572923

14252533

548

16160255

12

16756991

0

16764415

16771839

6815878

■ 7015814

■ 7216006

■ 7415942

■ 7616134

■ 7816070

■ 8016006

■ 8216198

■ 8416134

■ 8616326

Harmonies

Analogous

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



14505



6815878



9502802

Triad

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



6815878



5977088



20834

Complementary

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



6815878



2000384

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.



20520



6815878



2508032

Square

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



6815878



8389632



19712



20884

Rectangle

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



6815878



9895982



19712



20815

Sweetspot

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



6815878



10647981



8070



5257047



14079702



5723991

Same Dimension

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



6815878



8847533



8781922



4275266



6619266



131075

Inverse Universe

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



8781854



11337767



34340



4340797



8519709



196609

Previews

White Background



This preview shows how the Decimal color 6815878 looks on a white background.

Color Contrast Check

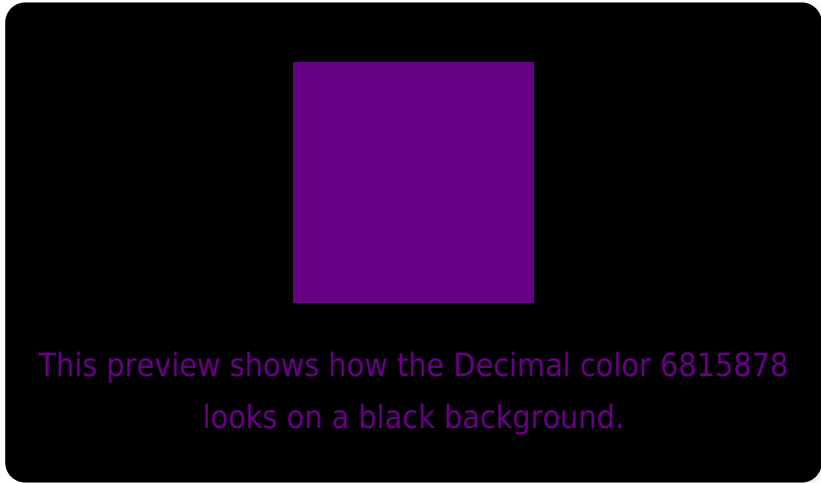
Large Text (above 18pt) WCAG AA ✓ Pass

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

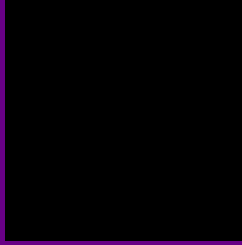
Any Text WCAG AA × Fail

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 6815878 Background



This preview shows how black text looks on a background with the Decimal color 6815878.

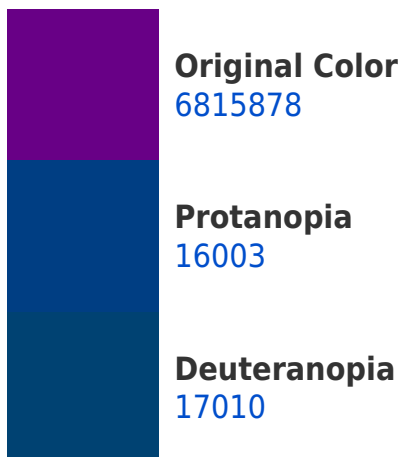


This preview shows how white text looks on a background with the Decimal color 6815878.

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
6042680

Trichromacy



Original Color
6815878

Protanomaly
2500484

Deuteranomaly
2501241

Tritanomaly
6299988

Monochromacy



Original Color
6815878

Achromatopsia
3026478

Achromatomaly
4398414

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6815878 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 #680086 looks like.

```
.text, #text, p{  
    color:#680086  
}
```

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 #680086 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #680086
}
```

Border

The CSS property to change the border of an element to Decimal 6815878 is called "border". The border property can be set on classes, ids or directly on the HTML element.

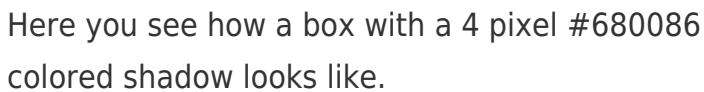
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#680086 }
```

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

```
.border{ border-color:#680086 }
```

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



Here you see how a box with a 4 pixel #680086 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #680086; -webkit-box-shadow:4px 4px  
4px 4px #680086; box-shadow:4px 4px 4px  
4px #680086 }
```

Background

The CSS property to change the background color of an element to Decimal 6815878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#680086 }
```

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

```
.background{ background-color:#680086 }
```

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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