

Converting Colors

Decimal(6820797)

Have a look what the booklet for
Decimal(6820797) contains.

Decimal(6820797)	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(6820797)

Conversions

Conversions Part 1

Format	Color
Hex	6813BD
RGB	104, 19, 189
RGB Percent	41%, 7%, 74%
CMY	0.5922, 0.9255, 0.2588
CMYK	0.45, 0.90, 0.00, 0.26
HSL	270°, 82%, 41%
HSV	270°, 90%, 74%
XYZ	15.1271, 7.0829, 48.7140
YIQ	63.7950, -3.9100, 70.8900

Conversions

Conversions Part 2

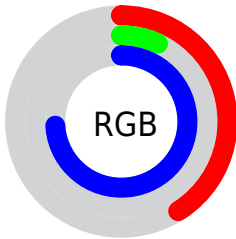
Format	Color
RYB	104, 19, 189
Decimal	6820797
CIELab	31.99, 64.09, -70.22
CIElCh	32, 95.066, 312.387
Yxy	7.0829, 0.2133, 0.0999
Android (android.graphics.Color)	4285010877 (0xFF6813BD)
YUV	63.7950, 61.7261, 35.2598
Hunter-Lab	26.6138, 54.8842, -89.8951

Details

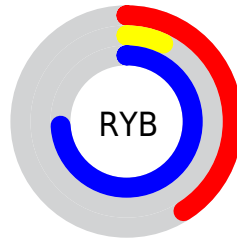
The Decimal color **6820797** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **6864147**, and the grayscale version is **4144959**.

A 20% lighter version of the original color is **10703094**, and **2621574** is the 20% darker color. If you saturate the color by 10%, you get **6226109**, and if you desaturate by 10%, it is **7415485**.

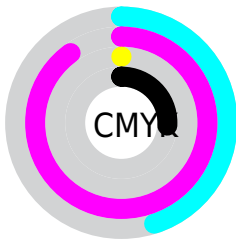
Distribution



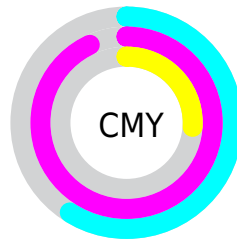
- Red (41%)
- Green (7%)
- Blue (74%)



- Red (41%)
- Yellow (7%)
- Blue (74%)



- Cyan (45%)
- Magenta (90%)
- Yellow (0%)
- Black (26%)



- Cyan (59%)
- Magenta (93%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6820797 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 6820797 by changing the saturation by 10% instead.

 6820797

 6820797

16777215

 4849825

 10703094

 2621574

 12676095

 108

 14649087

 83

 16622335

 1594

 16760575

 548

 16767999

 11

 16775423

 0

 6820797

 6820797

6226109

7415485

8075709

8670397

9330621

9925309

10585277

11179965

11840189

12434877

Harmonies

Analogous

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



20195



6820797



11665530

Triad

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



6820797



8336896



25706

Complementary

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



6820797



6864147

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.



25112



6820797



4215296

Square

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



6820797



11337728



24064



26289

Rectangle

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



6820797



12648522



24064



25680

Sweetspot

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



6820797



13939701



1271997



6771578



16448250



8026746

Same Dimension

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



6820797



7995637



12391357



5920094



5177502



983071

Inverse Universe

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



12391272



16056442



1293587



6182234



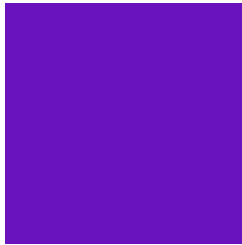
10354767



2031631

Previews

White Background



This preview shows how the Decimal color 6820797 looks on a white background.

Color Contrast Check

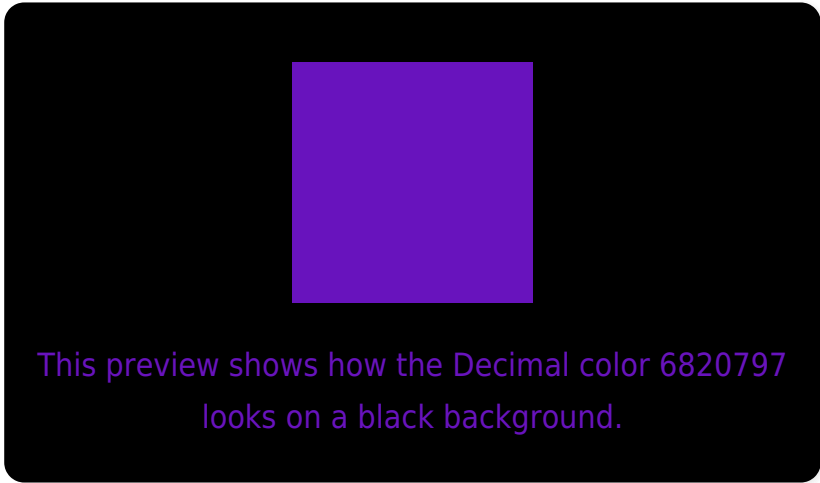
Large Text (above 18pt) WCAG AA ✓ Pass

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

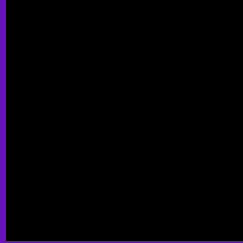
Any Text WCAG AA × Fail

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 6820797 Background



This preview shows how black text looks on a background with the Decimal color 6820797.

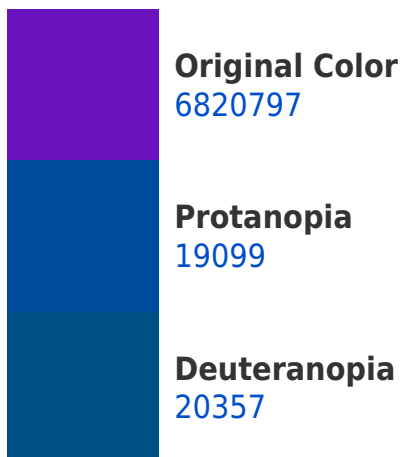



This preview shows how white text looks on a background with the Decimal color 6820797.

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
5131089

Trichromacy



Original Color
6820797



Protanomaly
2504359



Deuteranomaly
2505113



Tritanomaly
5715832

Monochromacy



Original Color
6820797



Achromatopsia
4210752



Achromatomaly
5189741

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6820797 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 #6813BD looks like.

```
.text, #text, p{  
    color:#6813BD  
}
```

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 #6813BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6813BD
}
```

Border

The CSS property to change the border of an element to Decimal 6820797 is called "border". The border property can be set on classes, ids or directly on the HTML element.

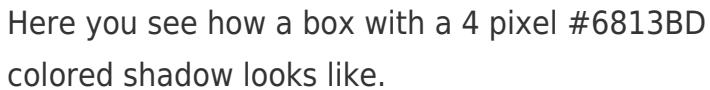
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6813BD }
```

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

```
.border{ border-color:#6813BD }
```

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



Here you see how a box with a 4 pixel #6813BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6813BD; -webkit-box-shadow:4px 4px  
4px 4px #6813BD; box-shadow:4px 4px 4px  
4px #6813BD }
```

Background

The CSS property to change the background color of an element to Decimal 6820797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6813BD }
```

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

```
.background{ background-color:#6813BD }
```

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