

Converting Colors

Decimal(6840297)

Have a look what the booklet for
Decimal(6840297) contains.

Decimal(6840297)	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(6840297)

Conversions

Conversions Part 1

Format	Color
Hex	685FE9
RGB	104, 95, 233
RGB Percent	41%, 37%, 91%
CMY	0.5922, 0.6275, 0.0863
CMYK	0.55, 0.59, 0.00, 0.09
HSL	244°, 76%, 64%
HSV	244°, 59%, 91%
XYZ	24.5091, 17.0107, 79.0824
YIQ	113.4230, -38.9340, 44.8260

Conversions

Conversions Part 2

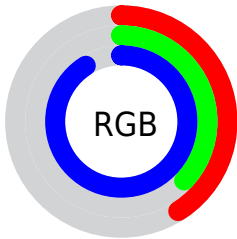
Format	Color
R_{YB}	104, 95, 233
Decimal	6840297
CIE _{Lab}	48.27, 41.21, -68.96
CIE _{LCh}	48, 80.335, 300.860
Yxy	17.0107, 0.2032, 0.1410
Android (android.graphics.Color)	4285030377 (0xFF685FE9)
YUV	113.4230, 58.9515, -8.2640
Hunter-Lab	41.2440, 33.8961, -84.8136

Details

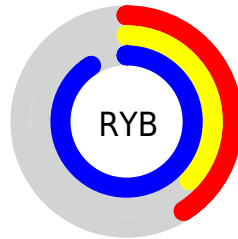
The Decimal color **6840297** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted purple. A complement of this color would be **14739807**, and the grayscale version is **7434609**.

A 20% lighter version of the original color is **10785535**, and **2109616** is the 20% darker color. If you saturate the color by 10%, you get **5392617**, and if you desaturate by 10%, it is **8287977**.

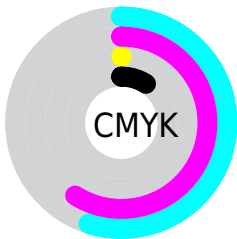
Distribution



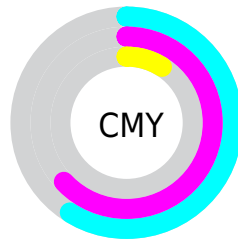
- Red (41%)
- Green (37%)
- Blue (91%)



- Red (41%)
- Yellow (37%)
- Blue (91%)



- Cyan (55%)
- Magenta (59%)
- Yellow (0%)
- Black (9%)



- Cyan (59%)
- Magenta (63%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6840297 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 6840297 by changing the saturation by 10% instead.

■ 6840297

■ 6840297

16777215

■ 4736972

■ 10785535

■ 2109616

■ 12758527

■ 6805

■ 14797055

■ 1914

■ 16770303

■ 97

■ 2120

■ 1072

■ 282

■ 0

■ 6840297

■ 6840297

■ 5392617

■ 8287977

■ 3944681

■ 9735913

■ 2562537

■ 11118057

■ 1114857

■ 12565737

■ 983273

■ 14013673

■ 15461353

■ 16777193

Harmonies

Analogous

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



31997



6840297



12726454

Triad

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



6840297



12473088



36467

Complementary

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



6840297



14739807

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.



35369



6840297



9072896

Square

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



6840297



14623282



4424192



36535

Rectangle

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



6840297



14483594



4424192



36187

Sweetspot

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



6840297



13947391



6284009



6644608



0



8421504

Same Dimension

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



6840297



5655295



11231209



6974069



786613



196662

Inverse Universe

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



15294432



16730867



10348895



7694965



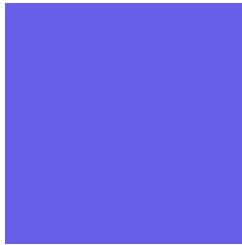
11862185



3538994

Previews

White Background



This preview shows how the Decimal color 6840297 looks on a white background.

Color Contrast Check

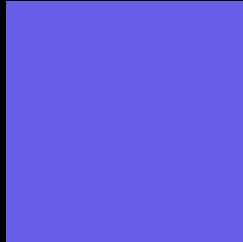
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 6840297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

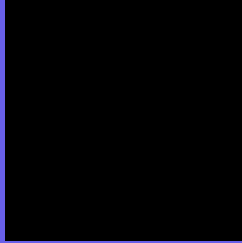
Any Text WCAG AA × Fail

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 6840297 Background



This preview shows how black text looks on a background with the Decimal color 6840297.

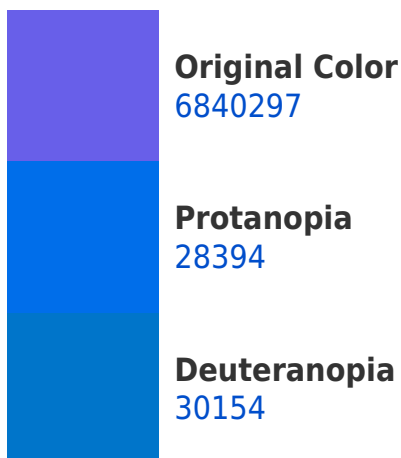



This preview shows how white text looks on a background with the Decimal color 6840297.

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
4422533

Trichromacy



Original Color
6840297



Protanomaly
2517482



Deuteranomaly
2518485



Tritanomaly
5271977

Monochromacy



Original Color
6840297



Achromatopsia
7434609



Achromatomaly
7236253

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6840297 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 #685FE9 looks like.

```
.text, #text, p{  
    color:#685FE9  
}
```

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 #685FE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #685FE9
}
```

Border

The CSS property to change the border of an element to Decimal 6840297 is called "border". The border property can be set on classes, ids or directly on the HTML element.

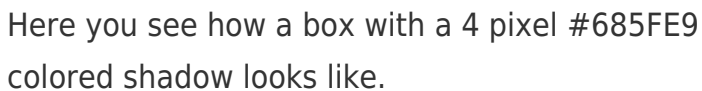
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#685FE9 }
```

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

```
.border{ border-color:#685FE9 }
```

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



Here you see how a box with a 4 pixel #685FE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #685FE9; -webkit-box-shadow:4px 4px  
4px 4px #685FE9; box-shadow:4px 4px 4px  
4px #685FE9 }
```

Background

The CSS property to change the background color of an element to Decimal 6840297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#685FE9 }
```

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

```
.background{ background-color:#685FE9 }
```

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