

Converting Colors

Decimal(8019697)

Have a look what the booklet for
Decimal(8019697) contains.

Decimal(8019697)	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(8019697)

Conversions

Conversions Part 1

Format	Color
Hex	7A5EF1
RGB	122, 94, 241
RGB Percent	48%, 37%, 95%
CMY	0.5216, 0.6314, 0.0549
CMYK	0.49, 0.61, 0.00, 0.05
HSL	251°, 84%, 66%
HSV	251°, 61%, 95%
XYZ	27.9059, 18.4939, 85.3180
YIQ	119.1300, -30.4990, 51.6530

Conversions

Conversions Part 2

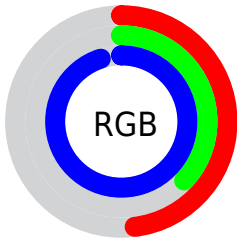
Format	Color
R _Y B	122, 94, 241
Decimal	8019697
CIE Lab	50.09, 47.45, -70.44
CIE LCh	50, 84.928, 303.967
Yxy	18.4939, 0.2119, 0.1404
Android (android.graphics.Color)	4286209777 (0xFF7A5EF1)
YUV	119.1300, 60.0819, 2.5170
Hunter-Lab	43.0045, 40.5721, -87.5242

Details

The Decimal color **8019697** is a light color, and the websafe version is hex **6666FF**. The color can be described as light muted purple. A complement of this color would be **14020958**, and the grayscale version is **7829367**.

A 20% lighter version of the original color is **11965183**, and **3813048** is the 20% darker color. If you saturate the color by 10%, you get **6702833**, and if you desaturate by 10%, it is **9336561**.

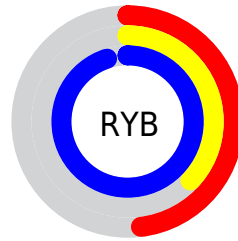
Distribution



Red (48%)

Green (37%)

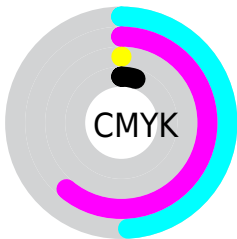
Blue (95%)



Red (48%)

Yellow (37%)

Blue (95%)

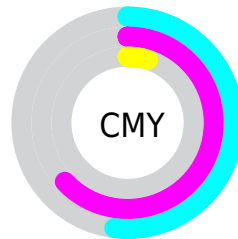


Cyan (49%)

Magenta (61%)

Yellow (0%)

Black (5%)



Cyan (52%)

Magenta (63%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8019697 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 8019697 by changing the saturation by 10% instead.

■ 8019697

■ 8019697

16777215

■ 5981652

■ 11965183

■ 3813048

■ 13938175

■ 333468

■ 15911167

■ 129

■ 16770559

■ 103

■ 1614

■ 1334

■ 544

■ 4

■ 8019697

■ 8019697

■ 6702833

■ 9336561

■ 5451505

■ 10587889

■ 4134641

■ 11904753

■ 3014897

■ 13156081

■ 14472945

■ 15724529

■ 16777201

Harmonies

Analogous

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



32511



8019697



13772472

Triad

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



8019697



12671232



38015

Complementary

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



8019697



14020958

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.



37169



8019697



9009152

Square

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



8019697



15148330



3705088



38087

Rectangle

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



8019697



15401097



3705088



37990

Sweetspot

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



8019697



14340607



6215409



6906752



0



8421504

Same Dimension

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



8019697



6833663



12738289



7236728



2293944



720952

Inverse Universe

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



15818453



16729564



9302366



7892086



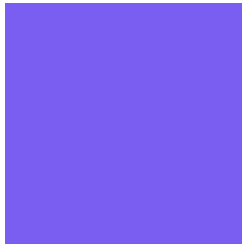
12058773



3670061

Previews

White Background



This preview shows how the Decimal color 8019697 looks on a white background.

Color Contrast Check

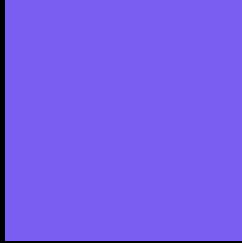
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Decimal color 8019697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

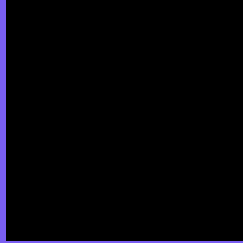
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 8019697 Background



This preview shows how black text looks on a background with the Decimal color 8019697.




This preview shows how white text looks on a background with the Decimal color 8019697.

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
5995654

Trichromacy



Original Color
8019697



Protanomaly
2911218



Deuteranomaly
2912478



Tritanomaly
6713773

Monochromacy



Original Color
8019697



Achromatopsia
7829367



Achromatomaly
7892643

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8019697 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 #7A5EF1 looks like.

```
.text, #text, p{  
    color:#7A5EF1  
}
```

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 #7A5EF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A5EF1
}
```

Border

The CSS property to change the border of an element to Decimal 8019697 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
#7A5EF1 }
```

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

```
.border{ border-color:#7A5EF1 }
```

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

Here you see how a box with a 4 pixel #7A5EF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A5EF1; -webkit-box-shadow:4px 4px  
4px 4px #7A5EF1; box-shadow:4px 4px 4px  
4px #7A5EF1 }
```

Background

The CSS property to change the background color of an element to Decimal 8019697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A5EF1 }
```

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

```
.background{ background-color:#7A5EF1 }
```

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