

Converting Colors

Decimal(7827446)

Have a look what the booklet for
Decimal(7827446) contains.

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Color

Decimal(7827446)

Conversions

Conversions Part 1

Format	Color
Hex	776FF6
RGB	119, 111, 246
RGB Percent	47%, 44%, 96%
CMY	0.5333, 0.5647, 0.0353
CMYK	0.52, 0.55, 0.00, 0.04
HSL	244°, 88%, 70%
HSV	244°, 55%, 96%
XYZ	29.9267, 21.9446, 89.8472
YIQ	128.7820, -38.5670, 43.6810

Conversions

Conversions Part 2

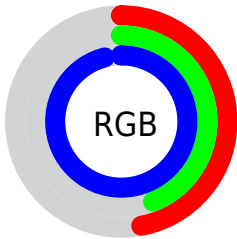
Format	Color
R _Y B	119, 111, 246
Decimal	7827446
CIE Lab	53.97, 38.57, -66.96
CIE LCh	54, 77.270, 299.943
Yxy	21.9446, 0.2112, 0.1548
Android (android.graphics.Color)	4286017526 (0xFF776FF6)
YUV	128.7820, 57.7885, -8.5788
Hunter-Lab	46.8451, 32.0548, -80.9245

Details

The Decimal color **7827446** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **15660655**, and the grayscale version is **8421504**.

A 20% lighter version of the original color is **11772927**, and **3555261** is the 20% darker color. If you saturate the color by 10%, you get **6313718**, and if you desaturate by 10%, it is **9341174**.

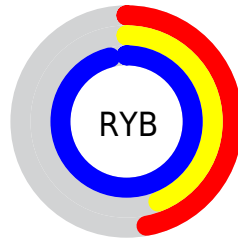
Distribution



Red (47%)

Green (44%)

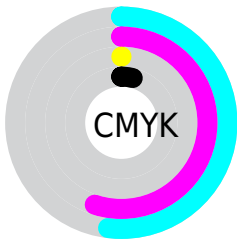
Blue (96%)



Red (47%)

Yellow (44%)

Blue (96%)

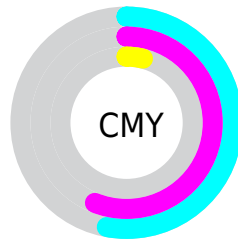


Cyan (52%)

Magenta (55%)

Yellow (0%)

Black (4%)



Cyan (53%)

Magenta (56%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7827446 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 7827446 by changing the saturation by 10% instead.

 7827446

 7827446

16777215

 5789401

 11772927

 3555261

 13745919

 10657

 15719167

 5254

 16775167

 108

 339

 1595

 548

 12

■ 7827446

■ 7827446

■ 6313718

■ 9341174

■ 4800246

■ 10854646

■ 3286518

■ 12368374

■ 1707510

■ 13947382

■ 983286

■ 15461110

■ 16777206

Harmonies

Analogous

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



35583



7827446



13584837

Triad

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



7827446



13591040



40319

Complementary

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



7827446



15660655

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.



39224



7827446



10255872

Square

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



7827446



15613251



5869568



40386

Rectangle

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



7827446



15347610



5869568



40039

Sweetspot

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



7827446



14276351



7335926



6907776



0



8421504

Same Dimension

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



7827446



6379519



12152822



7302778



721082



196667

Inverse Universe

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



16150510



16734197



11335279



8023674



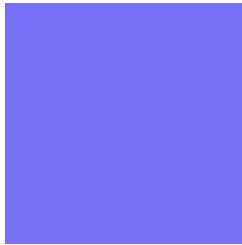
12189871



3866679

Previews

White Background



This preview shows how the Decimal color 7827446 looks on a white background.

Color Contrast Check

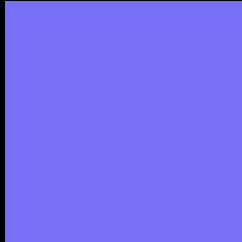
Large Text (above 18pt) WCAG AA ✓ Pass

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 7827446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

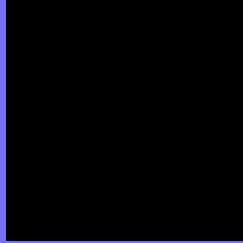
Any Text WCAG AA ✓ Pass

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 7827446 Background



This preview shows how black text looks on a background with the Decimal color 7827446.

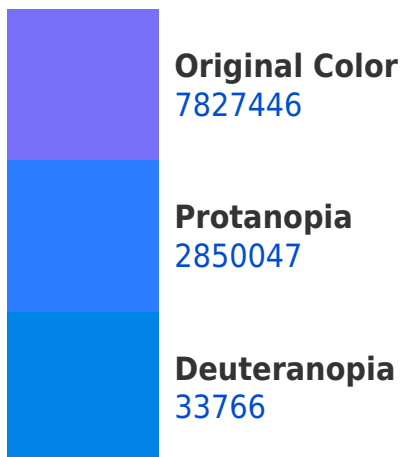


This preview shows how white text looks on a background with the Decimal color 7827446.

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



Trichromacy



Original Color

7827446



Protanomaly

4683772



Deuteranomaly

2850028



Tritanomaly

6520759

Monochromacy



Original Color

7827446



Achromatopsia

8487297



Achromatomaly

8223404

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7827446 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 #776FF6 looks like.

```
.text, #text, p{  
    color:#776FF6  
}
```

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 #776FF6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #776FF6
}
```

Border

The CSS property to change the border of an element to Decimal 7827446 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
#776FF6 }
```

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

```
.border{ border-color:#776FF6 }
```

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

Here you see how a box with a 4 pixel #776FF6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #776FF6; -webkit-box-shadow:4px 4px  
4px 4px #776FF6; box-shadow:4px 4px 4px  
4px #776FF6 }
```

Background

The CSS property to change the background color of an element to Decimal 7827446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#776FF6 }
```

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

```
.background{ background-color:#776FF6 }
```

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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