

Converting Colors

Decimal(6697470)

Have a look what the booklet for
Decimal(6697470) contains.

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Color

Decimal(6697470)

Conversions

Conversions Part 1

Format	Color
Hex	6631FE
RGB	102, 49, 254
RGB Percent	40%, 19%, 100%
CMY	0.6000, 0.8078, 0.0039
CMYK	0.60, 0.81, 0.00, 0.00
HSL	256°, 99%, 59%
HSV	256°, 81%, 100%
XYZ	24.4672, 12.1772, 94.8268
YIQ	88.2170, -34.2170, 74.9910

Conversions

Conversions Part 2

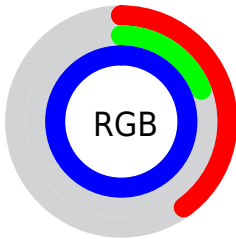
Format	Color
R_{YB}	102, 49, 254
Decimal	6697470
CIE _{Lab}	41.50, 70.24, -91.86
CIE _{LCh}	41, 115.638, 307.401
Yxy	12.1772, 0.1861, 0.0926
Android (android.graphics.Color)	4284887550 (0xFF6631FE)
YUV	88.2170, 81.7310, 12.0877
Hunter-Lab	34.8958, 64.0877, -136.6892

Details

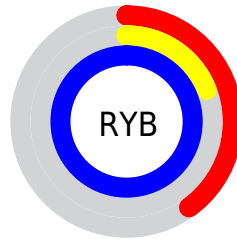
The Decimal color **6697470** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **13237809**, and the grayscale version is **5723991**.

A 20% lighter version of the original color is **11036927**, and **196** is the 20% darker color. If you saturate the color by 10%, you get **5445886**, and if you desaturate by 10%, it is **7949054**.

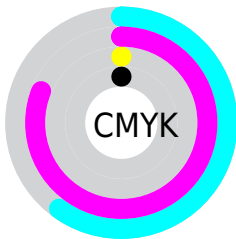
Distribution



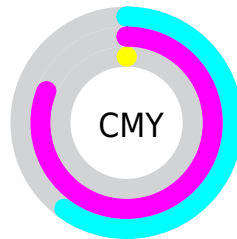
- Red (40%)
- Green (19%)
- Blue (100%)



- Red (40%)
- Yellow (19%)
- Blue (100%)



- Cyan (60%)
- Magenta (81%)
- Yellow (0%)
- Black (0%)



- Cyan (60%)
- Magenta (81%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6697470 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 6697470 by changing the saturation by 10% instead.

 6697470

 6697470

16777215

 4198625

 11036927

 196

 13140991

 167

 15179519

 140


 16759551

 113

 16766975

 3160

 16774399

 1599

 808

 274

■ 6697470

■ 6697470

■ 5445886

■ 7949054

■ 4325630

■ 9200894

■ 10386942

■ 11638782

■ 12890366

■ 14141950

■ 15393790

■ 16645374

16777214

Harmonies

Analogous

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



27903



6697470



14352557

Triad

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



6697470



11484160



33144

Complementary

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



6697470



13237809

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.



32256



6697470



6514432

Square

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



6697470



14942208



30720



33750

Rectangle

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



6697470



16121967



30720



32855

Sweetspot

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



6697470



13812479



3263486



6577024



0



8421504

Same Dimension

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



6697470



4720895



13316606



7762816



3211455



1048640

Inverse Universe

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



16658889



16713919



6618673



8418172



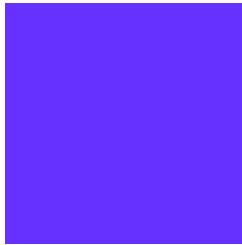
12517518



4194351

Previews

White Background



This preview shows how the Decimal color 6697470 looks on a white background.

Color Contrast Check

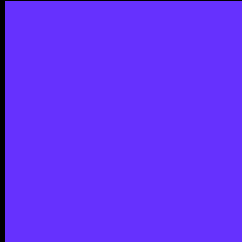
Large Text (above 18pt) WCAG AA ✓ Pass

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 6697470 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 6697470 Background



This preview shows how black text looks on a background with the Decimal color 6697470.

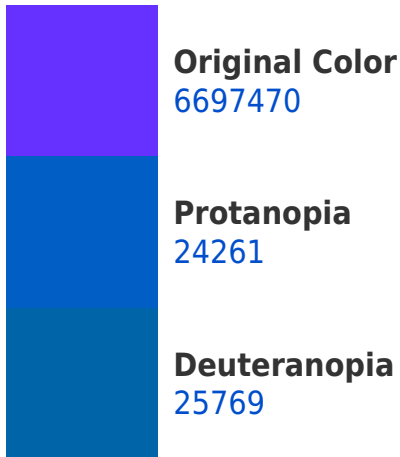


This preview shows how white text looks on a background with the Decimal color 6697470.

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
2386803

Trichromacy



Original Color

6697470



Protanomaly

2445018



Deuteranomaly

2445768



Tritanomaly

3954342

Monochromacy



Original Color

6697470



Achromatopsia

5789784



Achromatomaly

6113940

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6697470 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 #6631FE looks like.

```
.text, #text, p{  
  color:#6631FE  
}
```

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 #6631FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6631FE
}
```

Border

The CSS property to change the border of an element to Decimal 6697470 is called "border". The border property can be set on classes, ids or directly on the HTML element.

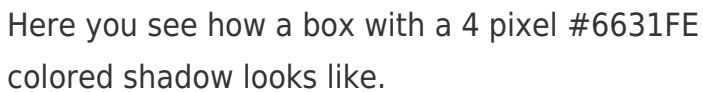
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6631FE }
```

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

```
.border{ border-color:#6631FE }
```

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



Here you see how a box with a 4 pixel #6631FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6631FE; -webkit-box-shadow:4px 4px  
4px 4px #6631FE; box-shadow:4px 4px 4px  
4px #6631FE }
```

Background

The CSS property to change the background color of an element to Decimal 6697470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6631FE }
```

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

```
.background{ background-color:#6631FE }
```

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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