

Converting Colors

Decimal(6515967)

Have a look what the booklet for
Decimal(6515967) contains.

Decimal(6515967)	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(6515967)

Conversions

Conversions Part 1

Format	Color
Hex	636CFF
RGB	99, 108, 255
RGB Percent	39%, 42%, 100%
CMY	0.6118, 0.5765, 0.0000
CMYK	0.61, 0.58, 0.00, 0.00
HSL	237°, 100%, 69%
HSV	237°, 61%, 100%
XYZ	28.5582, 20.5978, 97.0783
YIQ	122.0670, -52.5510, 43.8090

Conversions

Conversions Part 2

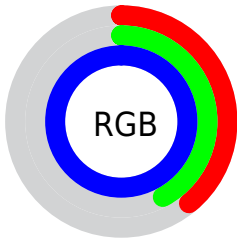
Format	Color
R _Y B	99, 108, 255
Decimal	6515967
CIE Lab	52.51, 39.60, -74.38
CIE LCh	53, 84.265, 298.032
Yxy	20.5978, 0.1953, 0.1409
Android (android.graphics.Color)	4284706047 (0xFF636CFF)
YUV	122.0670, 65.5360, -20.2298
Hunter-Lab	45.3848, 32.8969, -95.0524

Details

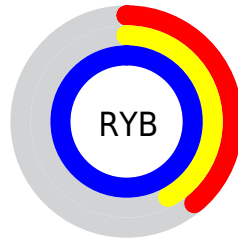
The Decimal color **6515967** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **16774755**, and the grayscale version is **7960953**.

A 20% lighter version of the original color is **10658047**, and **15813** is the 20% darker color. If you saturate the color by 10%, you get **4805887**, and if you desaturate by 10%, it is **8160511**.

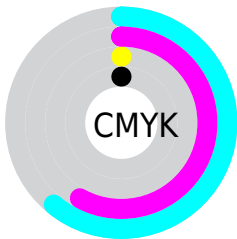
Distribution



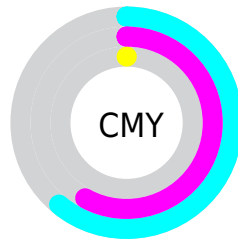
- Red (39%)
- Green (42%)
- Blue (100%)



- Red (39%)
- Yellow (42%)
- Blue (100%)



- Cyan (61%)
- Magenta (58%)
- Yellow (0%)
- Black (0%)



- Cyan (61%)
- Magenta (58%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6515967 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 6515967 by changing the saturation by 10% instead.

■ 6515967

■ 6515967

16777215

■ 4150498

■ 10658047

■ 15813

■ 12696575

■ 10153

■ 14735103

■ 5262

■ 16774143

■ 115

■ 1882

■ 1857

■ 810

■ 276

■ 6515967

■ 6515967

■ 4805887

■ 8160511

■ 3161343

■ 9870591

■ 1451263

■ 11580671

■ 4095

■ 13225215

■ 14935295

■ 16579839

16777215

Harmonies

Analogous

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



35327



6515967



13385163

Triad

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



6515967



13785088



39798

Complementary

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



6515967



16774755

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.



38439



6515967



10254592

Square

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



6515967



15934271



5540864



39872

Rectangle

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



6515967



15469469



5540864



39517

Sweetspot

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



6515967



13751551



6553589



6514048



0



8421504

Same Dimension

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



6515967



4542719



10970111



7566208



3007



1088

Inverse Universe

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



16737132



16729424



12320611



8418163



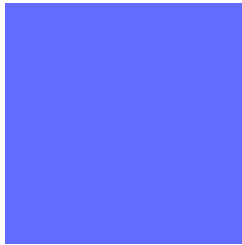
12517387



4194308

Previews

White Background



This preview shows how the Decimal color 6515967 looks on a white background.

Color Contrast Check

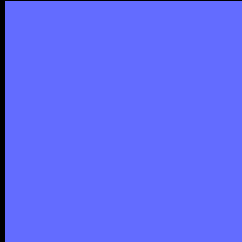
Large Text (above 18pt) WCAG AA ✓ Pass

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 6515967 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 6515967 Background



This preview shows how black text looks on a background with the Decimal color 6515967.

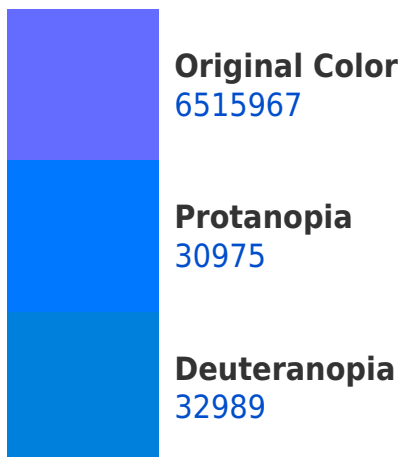


This preview shows how white text looks on a background with the Decimal color 6515967.

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](#).

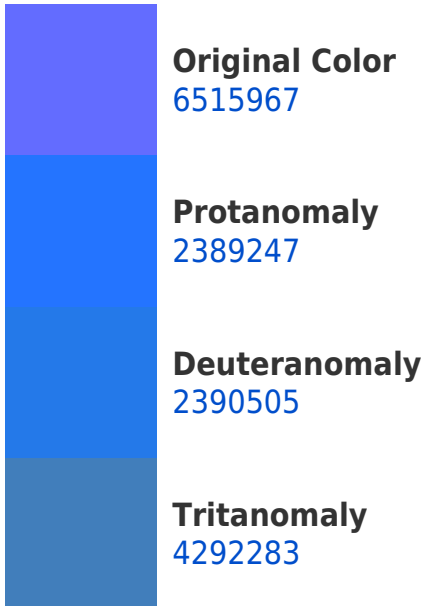
Dichromacy



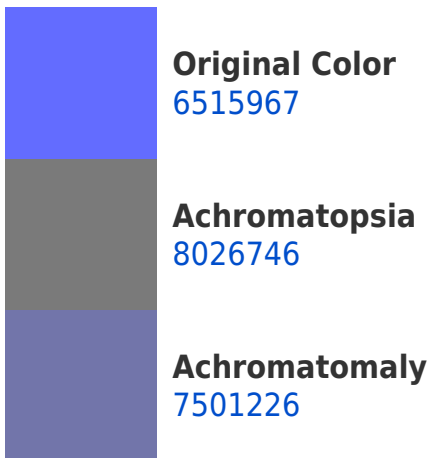


Tritanopia
3049876

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6515967 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 #636CFF looks like.

```
.text, #text, p{  
  color:#636CFF  
}
```

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 #636CFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #636CFF
}
```

Border

The CSS property to change the border of an element to Decimal 6515967 is called "border". The border property can be set on classes, ids or directly on the HTML element.

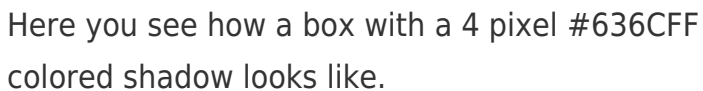
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#636CFF }
```

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

```
.border{ border-color:#636CFF }
```

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



Here you see how a box with a 4 pixel #636CFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #636CFF; -webkit-box-shadow:4px 4px  
4px 4px #636CFF; box-shadow:4px 4px 4px  
4px #636CFF }
```

Background

The CSS property to change the background color of an element to Decimal 6515967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#636CFF }
```

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

```
.background{ background-color:#636CFF }
```

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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