

Converting Colors

Hex(6367FF)

Have a look what the booklet for
Hex(6367FF) contains.

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Color

Hex(6367FF)

Conversions

Conversions Part 1

Format	Color
Hex	6367FF
RGB	99, 103, 255
RGB Percent	39%, 40%, 100%
CMY	0.6118, 0.5961, 0.0000
CMYK	0.61, 0.60, 0.00, 0.00
HSL	238°, 100%, 69%
HSV	238°, 61%, 100%
XYZ	28.0458, 19.5731, 96.9076
YIQ	119.1320, -51.1760, 46.4240

Conversions

Conversions Part 2

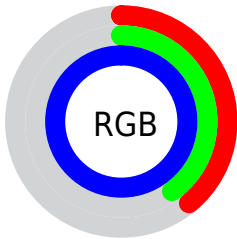
Format	Color
R _Y B	99, 103, 255
Decimal	6514687
CIE Lab	51.35, 42.57, -76.26
CIE LCh	51, 87.335, 299.170
Yxy	19.5731, 0.1941, 0.1354
Android (android.graphics.Color)	4284704767 (0xFF6367FF)
YUV	119.1320, 66.9829, -17.6558
Hunter-Lab	44.2415, 35.7330, -98.9009

Details

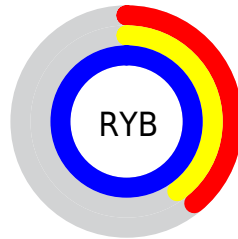
The Hex color **6367FF** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **FFB63**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **A39AFF**, and **0038C5** is the 20% darker color. If you saturate the color by 10%, you get **494EFF**, and if you desaturate by 10%, it is **7C80FF**.

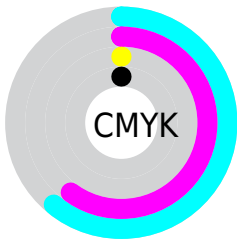
Distribution



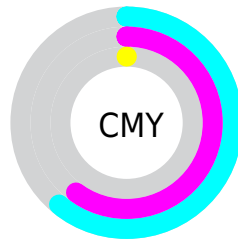
- Red (39%)
- Green (40%)
- Blue (100%)



- Red (39%)
- Yellow (40%)
- Blue (100%)



- Cyan (61%)
- Magenta (60%)
- Yellow (0%)
- Black (0%)



- Cyan (61%)
- Magenta (60%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6367FF 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 Hex color 6367FF by changing the saturation by 10% instead.

 6367FF

 6367FF

FFFFFF

 3F4FE2


 A39AFF

 0038C5

 C2B5FF

 0022A9


 E0D1FF

 000F8E

 FFEDFF

 000073

 00095A

 000741

 00032A

 000114

■ 6367FF

■ 6367FF

■ 494EFF

■ 7C80FF

■ 3035FF

■ 9699FF

■ 161CFF

■ B0B2FF

■ 0007FF

■ C9CAFF

■ E3E3FF

■ FCFCFF

FFFFFF

Harmonies

Analogous

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



0086FF



6367FF



CE32C8

Triad

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



6367FF



CF5500



009876

Complementary

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



6367FF



FFB63

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.



009423



6367FF



977700

Square

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



6367FF



F21337



4B8A00



0099C2

Rectangle

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



6367FF



EE0099



4B8A00



00975C

Sweetspot

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



6367FF



D1D2FF



63FFFA



636480



000000



808080

Same Dimension

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



6367FF



454AFF



AC63FF



737380



0005BF



000240

Inverse Universe

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



FF6367



FF454A



B6FF63



807373



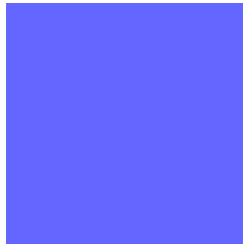
BF0005



400002

Previews

White Background



This preview shows how the Hex color 6367FF 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

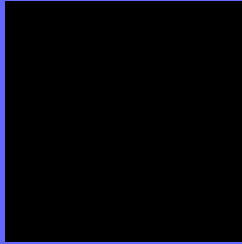
Any Text WCAG AA ✓ Pass

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](#).

Hex 6367FF Background



This preview shows how black text looks on a background with the Hex color 6367FF.

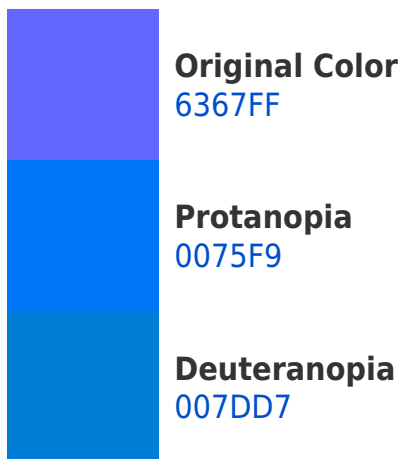


This preview shows how white text looks on a background with the Hex color 6367FF.

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](#).

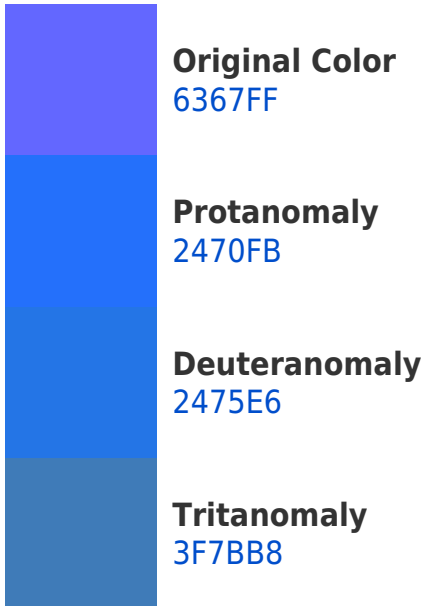
Dichromacy



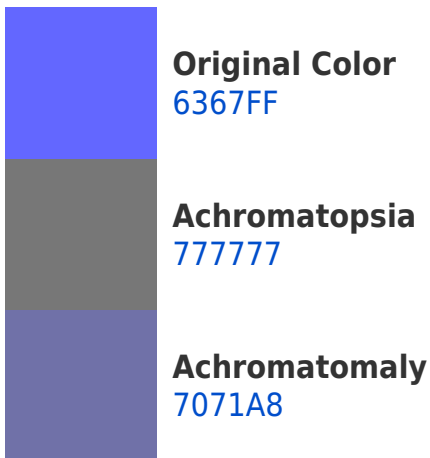


Tritanopia
2B8690

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6367FF 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 #6367FF looks like.

```
.text, #text, p{  
    color:#6367FF  
}
```

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 #6367FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6367FF
}
```

Border

The CSS property to change the border of an element to Hex 6367FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

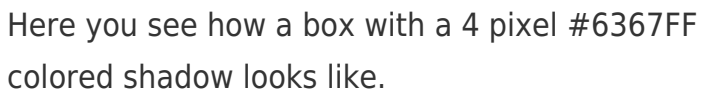
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6367FF }
```

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

```
.border{ border-color:#6367FF }
```

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



Here you see how a box with a 4 pixel #6367FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6367FF; -webkit-box-shadow:4px 4px  
4px 4px #6367FF; box-shadow:4px 4px 4px  
4px #6367FF }
```

Background

The CSS property to change the background color of an element to Hex 6367FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6367FF }
```

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

```
.background{ background-color:#6367FF }
```

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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