

Converting Colors

Hex(6164FE)

Have a look what the booklet for
Hex(6164FE) contains.

Hex(6164FE)	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

Hex(6164FE)

Conversions

Conversions Part 1

Format	Color
Hex	6164FE
RGB	97, 100, 254
RGB Percent	38%, 39%, 100%
CMY	0.6196, 0.6078, 0.0039
CMYK	0.62, 0.61, 0.00, 0.00
HSL	239°, 99%, 69%
HSV	239°, 62%, 100%
XYZ	27.3763, 18.8115, 95.9540
YIQ	116.6590, -51.2220, 47.2580

Conversions

Conversions Part 2

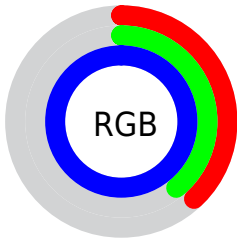
Format	Color
R _{YB}	97, 100, 254
Decimal	6382846
CIE _{Lab}	50.47, 43.71, -77.15
CIE _{LCh}	50, 88.675, 299.535
Yxy	18.8115, 0.1926, 0.1323
Android (android.graphics.Color)	4284572926 (0xFF6164FE)
YUV	116.6590, 67.7091, -17.2409
Hunter-Lab	43.3722, 36.7670, -100.8090

Details

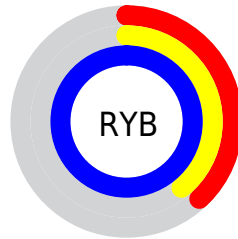
The Hex color **6164FE** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **FEFB61**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **A197FF**, and **0035C4** is the 20% darker color. If you saturate the color by 10%, you get **484BFE**, and if you desaturate by 10%, it is **7A7DFE**.

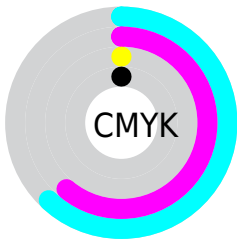
Distribution



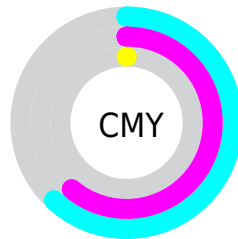
- Red (38%)
- Green (39%)
- Blue (100%)



- Red (38%)
- Yellow (39%)
- Blue (100%)



- Cyan (62%)
- Magenta (61%)
- Yellow (0%)
- Black (0%)





- Cyan (62%)
- Magenta (61%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6164FE 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 6164FE by changing the saturation by 10% instead.

 6164FE

 6164FE

FFFFFF

 3C4CE1

 A197FF

 0035C4

 C0B2FF

 001FA8

 DFCEFF

 000C8D

 FEEAFF

 000072

 000B59

 000740

 000329

 000113

■ 6164FE

■ 6164FE

■ 484BFE

■ 7A7DFE

■ 2E32FE

■ 9496FE

■ 1519FE

■ ADAFFE

■ 0005FE

■ C7C8FE

■ E0E1FE

■ F9F9FE

FFFFFE

Harmonies

Analogous

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



0083FF



6164FE



CD2AC6

Triad

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



6164FE



CC5200



009675

Complementary

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



6164FE



FEFB61

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.



009220



6164FE



947500

Square

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



6164FE



F00233



458800



0097C1

Rectangle

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



6164FE



ED0096



458800



00955A

Sweetspot

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



6164FE



CFCFFF



61FEF9



626380



000000



808080

Same Dimension

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



6164FE



4246FF



AA61FE



737380



0004BF



000140

Inverse Universe

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



FE6164



FF4246



B5FE61



807373



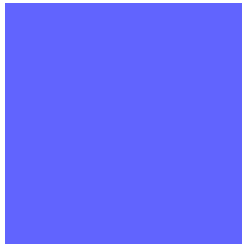
BF0004



400001

Previews

White Background



This preview shows how the Hex color 6164FE looks on a white background.

Color Contrast Check

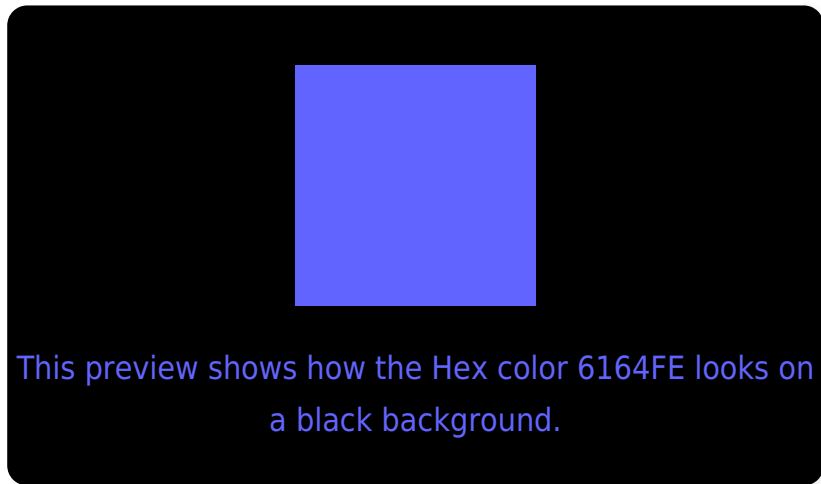
Large Text (above 18pt) WCAG AA ✓ Pass

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

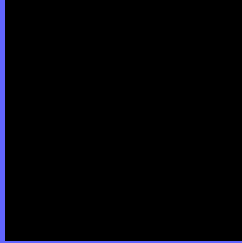
Any Text WCAG AA ✓ Pass

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 6164FE Background



This preview shows how black text looks on a background with the Hex color 6164FE.

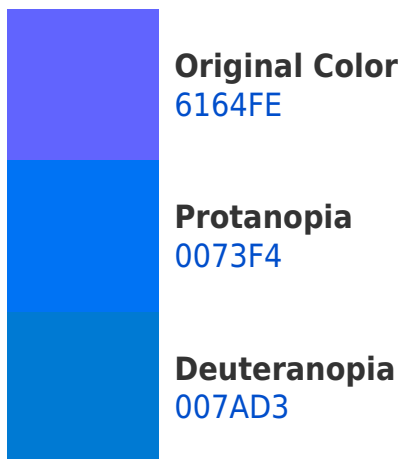


This preview shows how white text looks on a background with the Hex color 6164FE.

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](#).

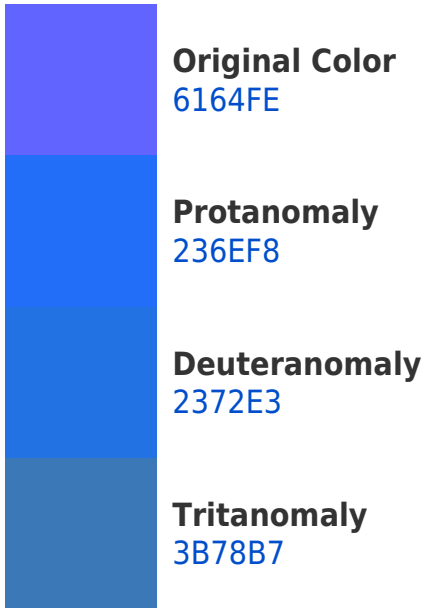
Dichromacy



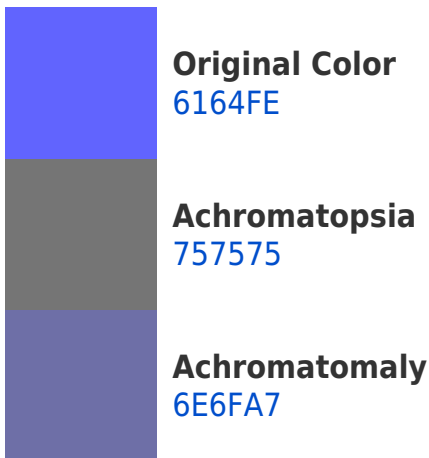


Tritanopia
26838E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6164FE 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 #6164FE looks like.

```
.text, #text, p{  
    color:#6164FE  
}
```

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 #6164FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6164FE
}
```

Border

The CSS property to change the border of an element to Hex 6164FE 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
#6164FE }
```

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

```
.border{ border-color:#6164FE }
```

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

Here you see how a box with a 4 pixel #6164FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6164FE; -webkit-box-shadow:4px 4px  
4px 4px #6164FE; box-shadow:4px 4px 4px  
4px #6164FE }
```

Background

The CSS property to change the background color of an element to Hex 6164FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6164FE }
```

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

```
.background{ background-color:#6164FE }
```

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