

Converting Colors

Hex(6A4FE3)

Have a look what the booklet for
Hex(6A4FE3) contains.

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Color

Hex(6A4FE3)

Conversions

Conversions Part 1

Format	Color
Hex	6A4FE3
RGB	106, 79, 227
RGB Percent	42%, 31%, 89%
CMY	0.5843, 0.6902, 0.1098
CMYK	0.53, 0.65, 0.00, 0.11
HSL	251°, 73%, 60%
HSV	251°, 65%, 89%
XYZ	22.6050, 14.2022, 74.2229
YIQ	103.9450, -31.4160, 51.7520

Conversions

Conversions Part 2

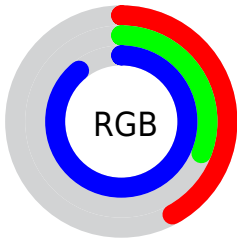
Format	Color
R_{YB}	106, 79, 227
Decimal	6967267
CIE _{Lab}	44.52, 48.92, -71.67
CIE _{LCh}	45, 86.772, 304.314
Yxy	14.2022, 0.2036, 0.1279
Android (android.graphics.Color)	4285157347 (0xFF6A4FE3)
YUV	103.9450, 60.6661, 1.8022
Hunter-Lab	37.6858, 41.1191, -90.3928

Details

The Hex color **6A4FE3** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted purple. A complement of this color would be **C8E34F**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **A682FF**, and **241FAA** is the 20% darker color. If you saturate the color by 10%, you get **5738E3**, and if you desaturate by 10%, it is **7D66E3**.

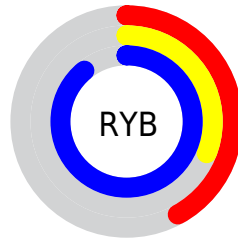
Distribution



Red (42%)

Green (31%)

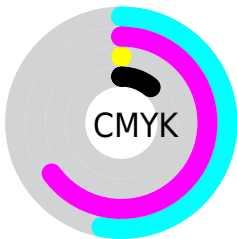
Blue (89%)



Red (42%)

Yellow (31%)

Blue (89%)

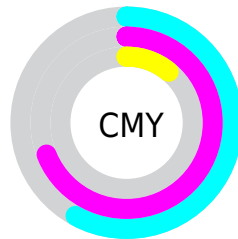


Cyan (53%)

Magenta (65%)

Yellow (0%)

Black (11%)



Cyan (58%)

Magenta (69%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A4FE3 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 6A4FE3 by changing the saturation by 10% instead.

 6A4FE3

 6A4FE3


FFFFFF

 4A37C6

 A682FF

 241FAA

 C49CFF

 00068F

 E3B8FF

 000075

 FFD4FF

 00005B

 FFF0FF

 000742

 00032B

 000116

 000000

■ 6A4FE3

■ 6A4FE3

■ 5738E3

■ 7D66E3

■ 4522E3

■ 8F7CE3

■ 320BE3

■ A293E3

■ 2900E3

■ B4AAE3

■ C7C1E3

■ D9D7E3

■ ECEEE3

■ FEFFE3

■ FFFFE3

Harmonies

Analogous

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



0071FD



6A4FE3



C300A9

Triad

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



6A4FE3



B14B00



008572

Complementary

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



6A4FE3



C8E34F

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.



008222



6A4FE3



786A00

Square

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



6A4FE3



D7001B



207B00



0086BA

Rectangle

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



6A4FE3



DC007A



207B00



008459

Sweetspot

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



6A4FE3



D5CCFF



4FCAE3



666180



000000



808080

Same Dimension

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



6A4FE3



5C38FF



B24FE3



696773



2100B3



090033

Inverse Universe

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



E34FC8



FF38DB



80E34F



736771



B30092



33002A

Previews

White Background



This preview shows how the Hex color 6A4FE3 looks on a white background.

Color Contrast Check

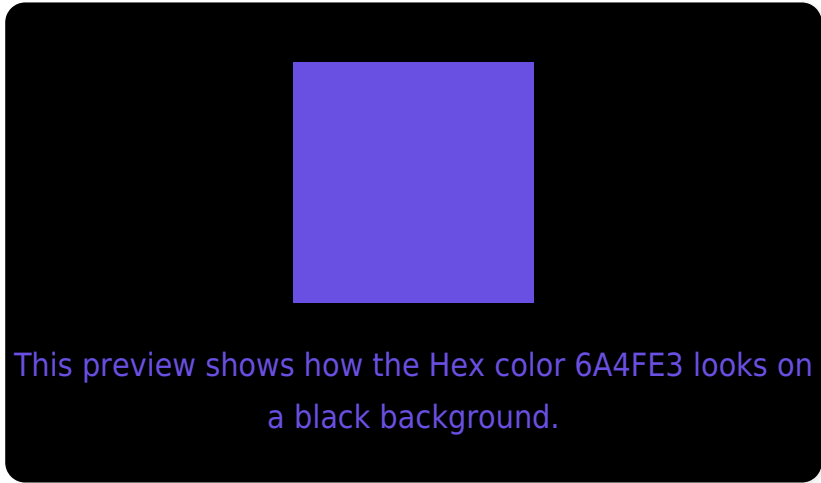
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

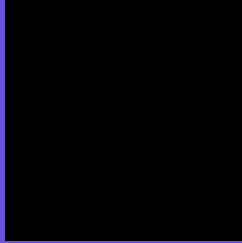
Any Text WCAG AA × Fail

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](#).

Hex 6A4FE3 Background



This preview shows how black text looks on a background with the Hex color 6A4FE3.

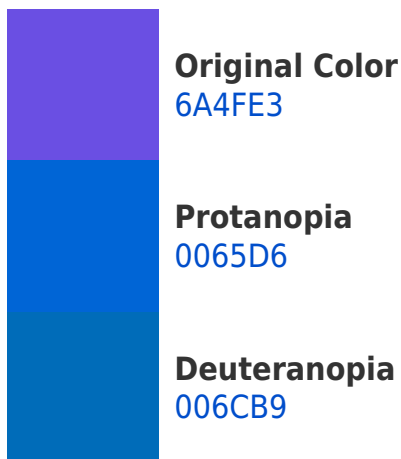


This preview shows how white text looks on a background with the Hex color 6A4FE3.

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](#).

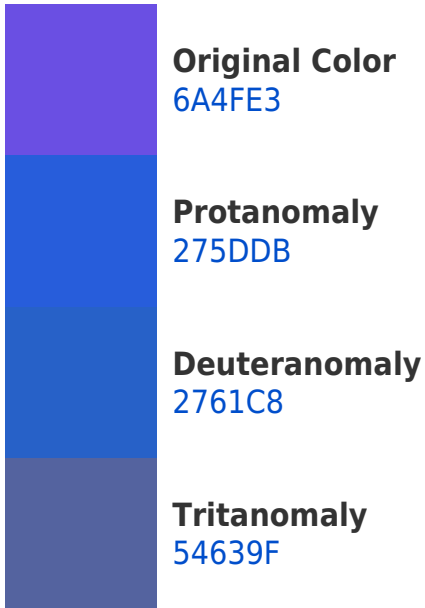
Dichromacy





Tritanopia
476F78

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6A4FE3 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 #6A4FE3 looks like.

```
.text, #text, p{  
    color:#6A4FE3  
}
```

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 #6A4FE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A4FE3
}
```

Border

The CSS property to change the border of an element to Hex 6A4FE3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

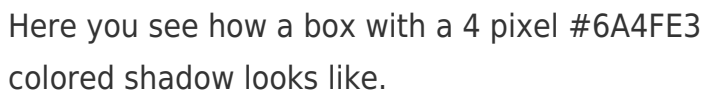
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A4FE3 }
```

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

```
.border{ border-color:#6A4FE3 }
```

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



Here you see how a box with a 4 pixel #6A4FE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A4FE3; -webkit-box-shadow:4px 4px  
4px 4px #6A4FE3; box-shadow:4px 4px 4px  
4px #6A4FE3 }
```

Background

The CSS property to change the background color of an element to Hex 6A4FE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A4FE3 }
```

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

```
.background{ background-color:#6A4FE3 }
```

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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