

Converting Colors

Hex(6A0EF5)

Have a look what the booklet for
Hex(6A0EF5) contains.

Hex(6A0EF5)	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>	28

Color

Hex(6A0EF5)

Conversions

Conversions Part 1

Format	Color
Hex	6A0EF5
RGB	106, 14, 245
RGB Percent	42%, 5%, 96%
CMY	0.5843, 0.9451, 0.0392
CMYK	0.57, 0.94, 0.00, 0.04
HSL	264°, 92%, 51%
HSV	264°, 94%, 96%
XYZ	22.5823, 9.9708, 87.1205
YIQ	67.8420, -19.3190, 91.3450

Conversions

Conversions Part 2

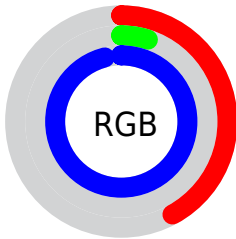
Format	Color
R _Y B	106, 14, 245
Decimal	6950645
CIE Lab	37.79, 77.83, -92.93
CIE LCh	38, 121.216, 309.945
Yxy	9.9708, 0.1887, 0.0833
Android (android.graphics.Color)	4285140725 (0xFF6A0EF5)
YUV	67.8420, 87.3389, 33.4646
Hunter-Lab	31.5766, 72.3970, -141.4788

Details

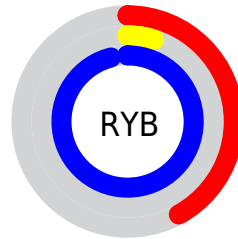
The Hex color **6A0EF5** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated purple. A complement of this color would be **99F50E**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **AB53FF**, and **0800BB** is the 20% darker color. If you saturate the color by 10%, you get **6200F5**, and if you desaturate by 10%, it is **7927F5**.

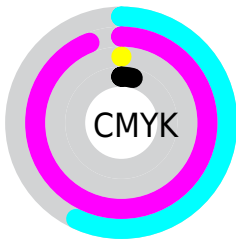
Distribution



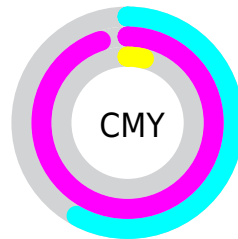
- Red (42%)
- Green (5%)
- Blue (96%)



- Red (42%)
- Yellow (5%)
- Blue (96%)



- Cyan (57%)
- Magenta (94%)
- Yellow (0%)
- Black (4%)



- Cyan (58%)
- Magenta (95%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A0EF5 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 6A0EF5 by changing the saturation by 10% instead.


 6A0EF5

 6A0EF5


FFFFFF

 4500D8

 AB53FF

 0800BB

 CB6FFF

 00009F

 EB8BFF

 000084

 FFA8FF

 000069

 FFC4FF

 000A50

 FFE2FF

 000538

 000222

 000007

■ 6A0EF5

■ 6A0EF5

■ 6200F5

■ 7927F5

■ 873FF5

■ 9658F5

■ A570F5

■ B489F5

■ C2A1F5

■ D1BAF5

■ E0D2F5

■ EFEBF5

Harmonies

Analogous

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



0062FF



6A0EF5



DA009F

Triad

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



6A0EF5



A03600



007779

Complementary

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



6A0EF5



99F50E

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.



007400



6A0EF5



4F6000

Square

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



6A0EF5



D90000



006F00



007AD9

Rectangle

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



6A0EF5



F1005F



006F00



007657

Sweetspot

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



6A0EF5



D4B8FF



0E9CF5



655480



000000



808080

Same Dimension

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



6A0EF5



6600FF



DA0EF5



736E7A



4A00BA



17003B

Inverse Universe

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



F50E99



FF0099



29F50E



7A6E76



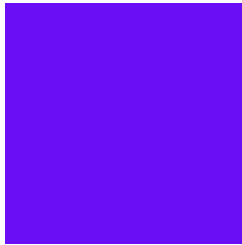
BA0070



3B0023

Previews

White Background



This preview shows how the Hex color 6A0EF5 looks on a white background.

Color Contrast Check

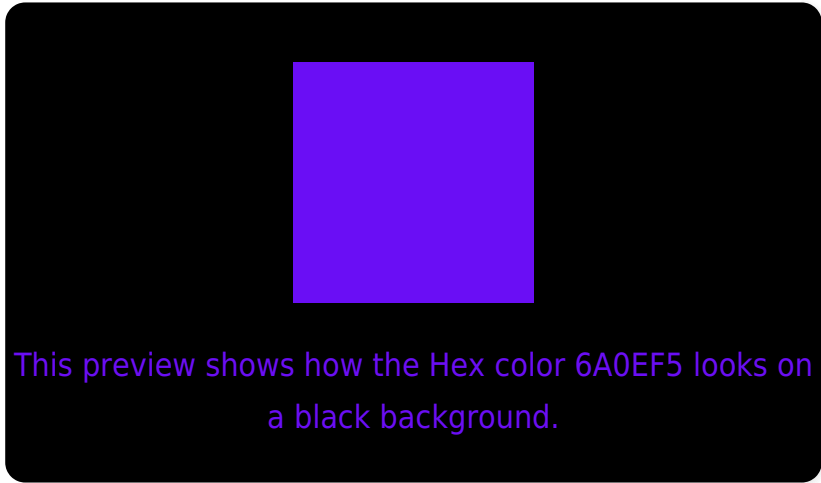
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

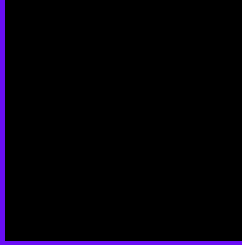
Any Text WCAG AA × Fail

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 6A0EF5 Background



This preview shows how black text looks on a background with the Hex color 6A0EF5.



This preview shows how white text looks on a background with the Hex color 6A0EF5.

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



Trichromacy



Original Color
6A0EF5

Protanomaly
273CCC

Tritanomaly
48429B

Monochromacy



Original Color
6A0EF5

Achromatopsia
444444

Achromatomaly
523084

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A0EF5 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 #6A0EF5 looks like.

```
.text, #text, p{  
    color:#6A0EF5  
}
```

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 #6A0EF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A0EF5  
}
```

Border

The CSS property to change the border of an element to Hex 6A0EF5 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".

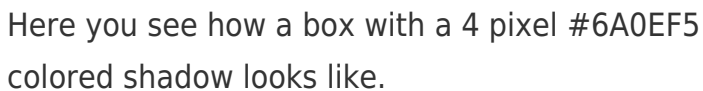
```
.border, #border, table{ border:4px solid  
#6A0EF5 }
```

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

```
.border{ border-color:#6A0EF5 }
```

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

Here you see how a box with a 4 pixel #6A0EF5 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A0EF5; -webkit-box-shadow:4px 4px  
4px 4px #6A0EF5; box-shadow:4px 4px 4px  
4px #6A0EF5 }
```

Background

The CSS property to change the background color of an element to Hex 6A0EF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A0EF5 }
```

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

```
.background{ background-color:#6A0EF5 }
```

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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