

Converting Colors

Hex(4A6BF7)

Have a look what the booklet for
Hex(4A6BF7) contains.

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Color

Hex(4A6BF7)

Conversions

Conversions Part 1	
Format	Color
Hex	4A6BF7
RGB	74, 107, 247
RGB Percent	29%, 42%, 97%
CMY	0.7098, 0.5804, 0.0314
CMYK	0.70, 0.57, 0.00, 0.03
HSL	229°, 92%, 63%
HSV	229°, 70%, 97%
XYZ	24.8702, 18.6866, 90.2918
YIQ	113.0930, -64.6080, 36.5440

Conversions

Conversions Part 2

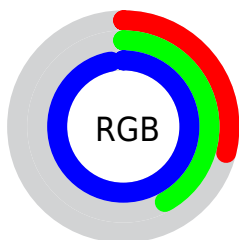
Format	Color
RYB	74, 102, 247
Decimal	4877303
CIELab	50.32, 33.95, -73.56
CIELCh	50, 81.013, 294.774
Yxy	18.6866, 0.1858, 0.1396
Android (android.graphics.Color)	4283067383 (0xFF4A6BF7)
YUV	113.0930, 66.0162, -34.2846
Hunter-Lab	43.2280, 27.0467, -93.5812

Details

The Hex color **4A6BF7** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed azure. A complement of this color would be **F7D64A**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **8E9EFF**, and **003CBD** is the 20% darker color. If you saturate the color by 10%, you get **3157F7**, and if you desaturate by 10%, it is **637FF7**.

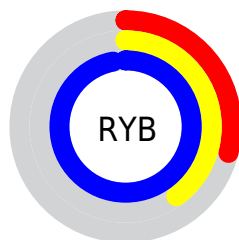
Distribution



Red (29%)

Green (42%)

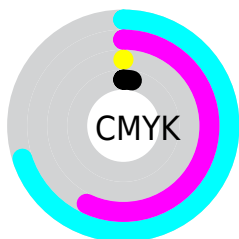
Blue (97%)



Red (29%)

Yellow (40%)

Blue (97%)

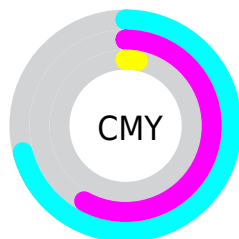


Cyan (70%)

Magenta (57%)

Yellow (0%)

Black (3%)



Cyan (71%)

Magenta (58%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A6BF7 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 4A6BF7 by changing the saturation by 10% instead.

 4A6BF7

FFFFFF

 8E9EFF

 ADB9FF

 CCD4FF

 EBF1FF

 4A6BF7

 1753DA

 003CBD

 0028A2

 001687

 00006D

 000B53


 00063B

 000224

 00000C

 4A6BF7

 4A6BF7

 3157F7

 637FF7

 1943F7

 7B93F7

 002FF7

 94A7F7

 ADBBF7

 C5CFF7

 DEE3F7

 F7F7F7

 FFFFF7

Harmonies

Analogous

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



0085FF



4A6BF7



BC41C9

Triad

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



4A6BF7



CD5000



009369

Complementary

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



4A6BF7



F7D64A

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.



008F1B



4A6BF7



9C7100

Square

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



4A6BF7



EA1C43



5A8500



0095B0

Rectangle

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



4A6BF7



DE189E



5A8500



009251

Sweetspot

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



4A6BF7



C9D4FF



4AF7D4



606680



000000



808080

Same Dimension

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



4A6BF7



2952FF



7E4AF7



6E707A



0024BA



000B3B

Inverse Universe

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



F74A6B



FF2952



C3F74A



7A6E70



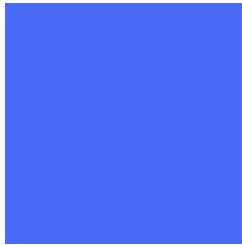
BA0024



3B000B

Previews

White Background



This preview shows how the Hex color 4A6BF7 looks on a white background.

Color Contrast Check

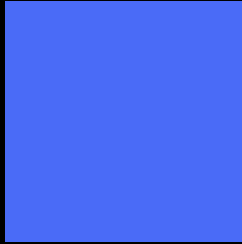
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color 4A6BF7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

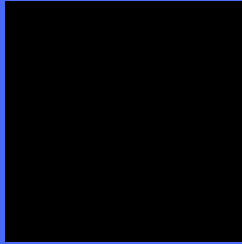
Any Text WCAG AA ✓ Pass

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](#).

Hex 4A6BF7 Background



This preview shows how black text looks on a background with the Hex color 4A6BF7.



This preview shows how white text looks on a background with the Hex color 4A6BF7.

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



Original Color
4A6BF7





Protanopia
0072F3

Deuteranopia
007AD2



Tritanopia
00848E

Trichromacy

	Original Color 4A6BF7
	Protanomaly 1B6FF4
	Deuteranomaly 1B75DF
	Tritanomaly 1B7BB4

Monochromacy

	Original Color 4A6BF7
	Achromatopsia 717171
	Achromatomaly 636FA2

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A6BF7 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 #4A6BF7 looks like.

```
.text, #text, p{  
    color:#4A6BF7  
}
```

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 #4A6BF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A6BF7
}
```

Border

The CSS property to change the border of an element to Hex 4A6BF7 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
#4A6BF7 }
```

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

```
.border{ border-color:#4A6BF7 }
```

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

Here you see how a box with a 4 pixel #4A6BF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A6BF7; -webkit-box-shadow:4px 4px  
4px 4px #4A6BF7; box-shadow:4px 4px 4px  
4px #4A6BF7 }
```

Background

The CSS property to change the background color of an element to Hex 4A6BF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A6BF7 }
```

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

```
.background{ background-color:#4A6BF7 }
```

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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