

Converting Colors

Hex(6586FB)

Have a look what the booklet for
Hex(6586FB) contains.

Hex(6586FB)	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(6586FB)

Conversions

Conversions Part 1

Format	Color
Hex	6586FB
RGB	101, 134, 251
RGB Percent	40%, 53%, 98%
CMY	0.6039, 0.4745, 0.0157
CMYK	0.60, 0.47, 0.00, 0.02
HSL	227°, 95%, 69%
HSV	227°, 60%, 98%
XYZ	31.3045, 26.7819, 94.7863
YIQ	137.4710, -57.2250, 29.3910

Conversions

Conversions Part 2

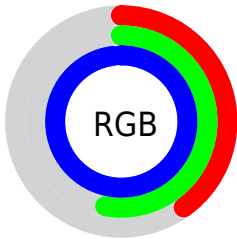
Format	Color
R _Y B	101, 128, 251
Decimal	6653691
CIE Lab	58.77, 23.00, -62.05
CIE LCh	59, 66.177, 290.342
Yxy	26.7819, 0.2048, 0.1752
Android (android.graphics.Color)	4284843771 (0xFF6586FB)
YUV	137.4710, 55.9698, -31.9851
Hunter-Lab	51.7513, 17.4105, -72.3682

Details

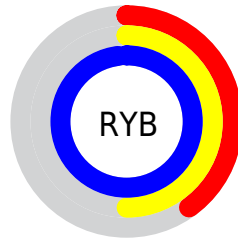
The Hex color **6586FB** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FBDA65**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **A3BBFF**, and **1355C2** is the 20% darker color. If you saturate the color by 10%, you get **4C72FB**, and if you desaturate by 10%, it is **7E9AFB**.

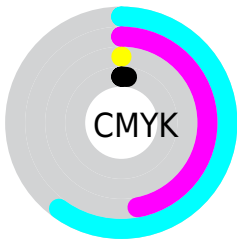
Distribution



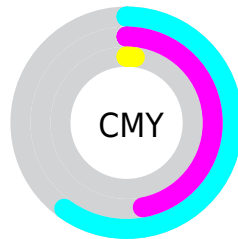
- Red (40%)
- Green (53%)
- Blue (98%)



- Red (40%)
- Yellow (50%)
- Blue (98%)



- Cyan (60%)
- Magenta (47%)
- Yellow (0%)
- Black (2%)



- Cyan (60%)
- Magenta (47%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6586FB 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 6586FB by changing the saturation by 10% instead.

 6586FB

 6586FB

FFFFFF

 436DDE

 A3BBFF

 1355C2

 C1D6FF

 003EA6

 DFF3FF

 002A8B

FEFFFF

 001771

 000058

 00063F

 000328

 000112

■ 6586FB

■ 6586FB

■ 4C72FB

■ 7E9AFB

■ 335FFB

■ 97ADFB

■ 1A4BFB

■ B0C1FB

■ 0138FB

■ C9D4FB

■ 0037FB

■ E3E8FB

■ FCFBFB

■ FFFFFB

Harmonies

Analogous

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



009AFF



6586FB



C06BD8

Triad

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



6586FB



E16B34



00A778

Complementary

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



6586FB



FBDA65

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.



36A23E



6586FB



B98400

Square

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



6586FB



F45569



839600



00A8B4

Rectangle

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



6586FB



E15AB6



839600



00A664

Sweetspot

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



6586FB



D1DBFF



65FBD8



636A80



000000



808080

Same Dimension

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



6586FB



4770FF



8D65FB



70737D



002ABD



000D3D

Inverse Universe

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



FB6586



FF4770



D3FB65



7D7073



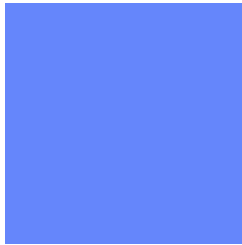
BD002A



3D000D

Previews

White Background



This preview shows how the Hex color 6586FB looks on a white background.

Color Contrast Check

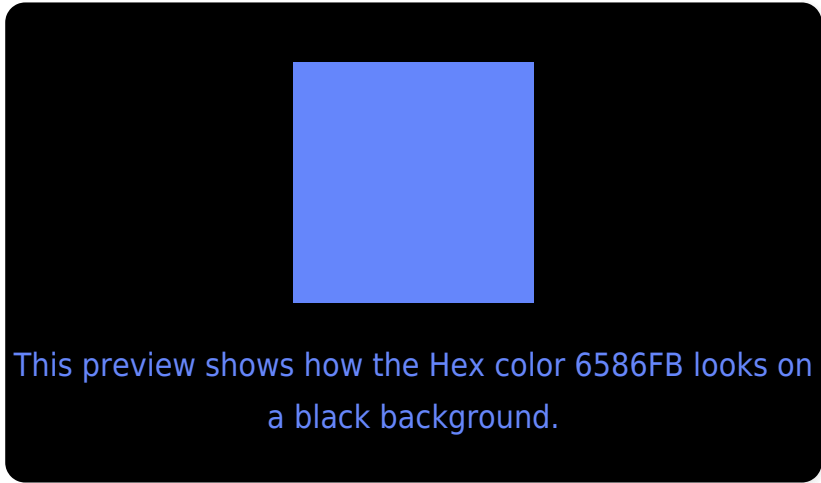
Large Text (above 18pt) WCAG AA ✓ Pass

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

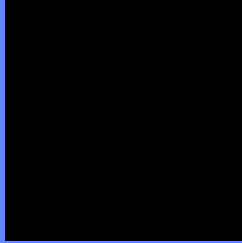
Any Text WCAG AA ✓ Pass

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 6586FB Background



This preview shows how black text looks on a background with the Hex color 6586FB.

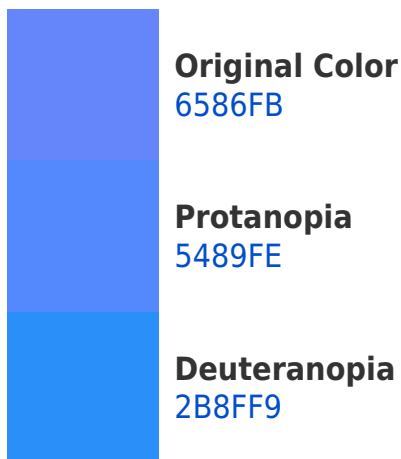


This preview shows how white text looks on a background with the Hex color 6586FB.

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
3F9AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6586FB 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 #6586FB looks like.

```
.text, #text, p{  
    color:#6586FB  
}
```

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 #6586FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6586FB  
}
```

Border

The CSS property to change the border of an element to Hex 6586FB is called "border". The border property can be set on classes, ids or directly on the HTML element.

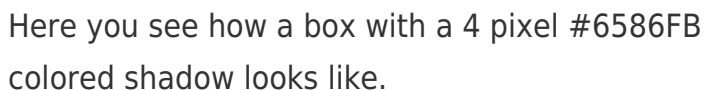
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#6586FB }
```

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

```
.border{ border-color:#6586FB }
```

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



Here you see how a box with a 4 pixel #6586FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6586FB; -webkit-box-shadow:4px 4px  
4px 4px #6586FB; box-shadow:4px 4px 4px  
4px #6586FB }
```

Background

The CSS property to change the background color of an element to Hex 6586FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6586FB }
```

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

```
.background{ background-color:#6586FB }
```

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