

Converting Colors

Hex(636FEB)

Have a look what the booklet for
Hex(636FEB) contains.

Hex(636FEB)	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(636FEB)

Conversions

Conversions Part 1

Format	Color
Hex	636FEB
RGB	99, 111, 235
RGB Percent	39%, 44%, 92%
CMY	0.6118, 0.5647, 0.0784
CMYK	0.58, 0.53, 0.00, 0.08
HSL	235°, 77%, 65%
HSV	235°, 58%, 92%
XYZ	25.8254, 20.0197, 81.1003
YIQ	121.5480, -46.9560, 36.0200

Conversions

Conversions Part 2

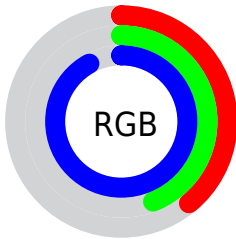
Format	Color
R _Y B	99, 110, 235
Decimal	6516715
CIE Lab	51.86, 31.35, -64.30
CIE LCh	52, 71.531, 295.993
Yxy	20.0197, 0.2034, 0.1577
Android (android.graphics.Color)	4284706795 (0xFF636FEB)
YUV	121.5480, 55.9318, -19.7746
Hunter-Lab	44.7434, 24.7275, -76.1467

Details

The Hex color **636FEB** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **EBDF63**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **A0A3FF**, and **1640B2** is the 20% darker color. If you saturate the color by 10%, you get **4B5AEB**, and if you desaturate by 10%, it is **7B84EB**.

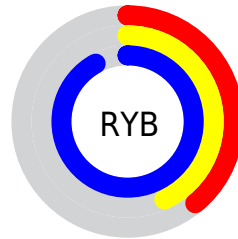
Distribution



Red (39%)

Green (44%)

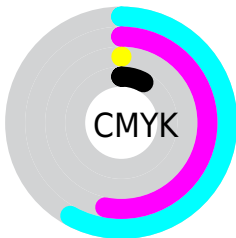
Blue (92%)



Red (39%)

Yellow (43%)

Blue (92%)

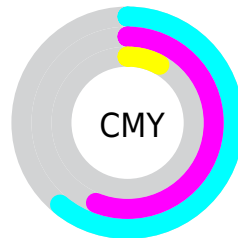


Cyan (58%)

Magenta (53%)

Yellow (0%)

Black (8%)



Cyan (61%)

Magenta (56%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 636FEB 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 636FEB by changing the saturation by 10% instead.

 636FEB

 636FEB

FFFFFF

 4257CE

 A0A3FF

 1640B2

 BDBEFF

 002A97

 DCD9FF

 00177C

 FAF6FF

 000063

 00094A

 000432

 00021C

 000000

■ 636FEB

■ 636FEB

■ 4B5AEB

■ 7B84EB

■ 3444EB

■ 929AEB

■ 1D2FEB

■ AAAFEB

■ 0519EB

■ C1C5EB

■ 0015EB

■ D9DAEB

■ F0F0EB

■ FFFFEB

Harmonies

Analogous

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



0086F7



636FEB



BC4EC1

Triad

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



636FEB



C95B08



009671

Complementary

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



636FEB



EBDF63

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.



009131



636FEB



9C7600

Square

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



636FEB



E33B4A



628800



0096B0

Rectangle

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



636FEB



D9389B



628800



00955C

Sweetspot

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



636FEB



D4D7FF



63EBDD



666880



000000



808080

Same Dimension

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



636FEB



4F5FFF



9963EB



6A6B75



0010B5



000536

Inverse Universe

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



EB636F



FF4F5F



B5EB63



756A6B



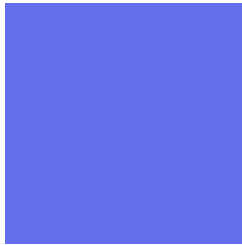
B50010



360005

Previews

White Background



This preview shows how the Hex color 636FEB 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 636FEB Background



This preview shows how black text looks on a background with the Hex color 636FEB.



This preview shows how white text looks on a background with the Hex color 636FEB.

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
636FEB

Protanomaly
3F74F0

Tritanomaly
4B7EB1

Monochromacy



Original Color
636FEB

Achromatopsia
7A7A7A

Achromatomaly
7276A3

CSS Examples

Text

The CSS property to change the color of the text to Hex 636FEB 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 #636FEB looks like.

```
.text, #text, p{  
    color:#636FEB  
}
```

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 #636FEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #636FEB
}
```

Border

The CSS property to change the border of an element to Hex 636FEB 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
#636FEB }
```

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

```
.border{ border-color:#636FEB }
```

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

Here you see how a box with a 4 pixel #636FEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #636FEB; -webkit-box-shadow:4px 4px  
4px 4px #636FEB; box-shadow:4px 4px 4px  
4px #636FEB }
```

Background

The CSS property to change the background color of an element to Hex 636FEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#636FEB }
```

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

```
.background{ background-color:#636FEB }
```

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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