

Converting Colors

Hex(386FEA)

Have a look what the booklet for
Hex(386FEA) contains.

Hex(386FEA)	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(386FEA)

Conversions

Conversions Part 1

Format	Color
Hex	386FEA
RGB	56, 111, 234
RGB Percent	22%, 44%, 92%
CMY	0.7804, 0.5647, 0.0824
CMYK	0.76, 0.53, 0.00, 0.08
HSL	221°, 81%, 57%
HSV	221°, 76%, 92%
XYZ	22.1666, 18.1501, 80.1769
YIQ	108.5770, -72.2630, 26.5930

Conversions

Conversions Part 2

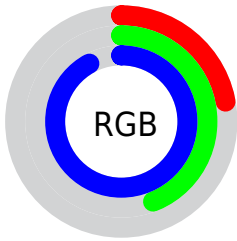
Format	Color
RYB	56, 98, 234
Decimal	3698666
CIELab	49.68, 24.67, -67.37
CIELCh	50, 71.743, 290.117
Yxy	18.1501, 0.1840, 0.1506
Android (android.graphics.Color)	4281888746 (0xFF386FEA)
YUV	108.5770, 61.8335, -46.1100
Hunter-Lab	42.6030, 18.3195, -81.7590

Details

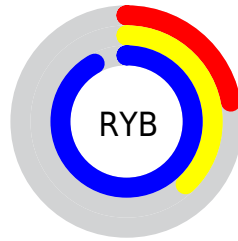
The Hex color **386FEA** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **EAB338**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **7FA2FF**, and **0040B1** is the 20% darker color. If you saturate the color by 10%, you get **215FEA**, and if you desaturate by 10%, it is **4F7FEA**.

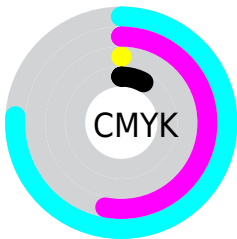
Distribution



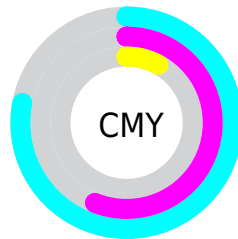
- Red (22%)
- Green (44%)
- Blue (92%)



- Red (22%)
- Yellow (38%)
- Blue (92%)



- Cyan (76%)
- Magenta (53%)
- Yellow (0%)
- Black (8%)



- Cyan (78%)
- Magenta (56%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 386FEA 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 386FEA by changing the saturation by 10% instead.

 386FEA

 386FEA

FFFFFF

 0057CD

 7FA2FF

 0040B1

 9EBDFF

 002C96

 BDD9FF


 00197B

 DCF5FF

 000062

 FBFFFF

 000949

 000431

 00011B

 000000

■ 386FEA

■ 386FEA

■ 215FEA

■ 4F7FEA

■ 094FEA

■ 678FEA

■ 0048EA

■ 7EA0EA

■ 96B0EA

■ ADC0EA

■ C4D0EA

■ DCE0EA

■ F3F0EA

■ FFFFEA

Harmonies

Analogous

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



0084EF



386FEA



AA4FC5

Triad

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



386FEA



C94F13



008F5F

Complementary

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



386FEA



EAB338

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.



008A1C



386FEA



A06C00

Square

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



386FEA



DF2E50



687F00



00919F

Rectangle

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



386FEA



CC37A1



687F00



008E4A

Sweetspot

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



386FEA



C4D6FF



38EAB2



5C6780



000000



808080

Same Dimension

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



386FEA



175FFF



5938EA



6A6D75



0038B5



001136

Inverse Universe

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



EA386F



FF175F



C9EA38



756A6D



B50038



360011

Previews

White Background



This preview shows how the Hex color 386FEA looks on a white background.

Color Contrast Check

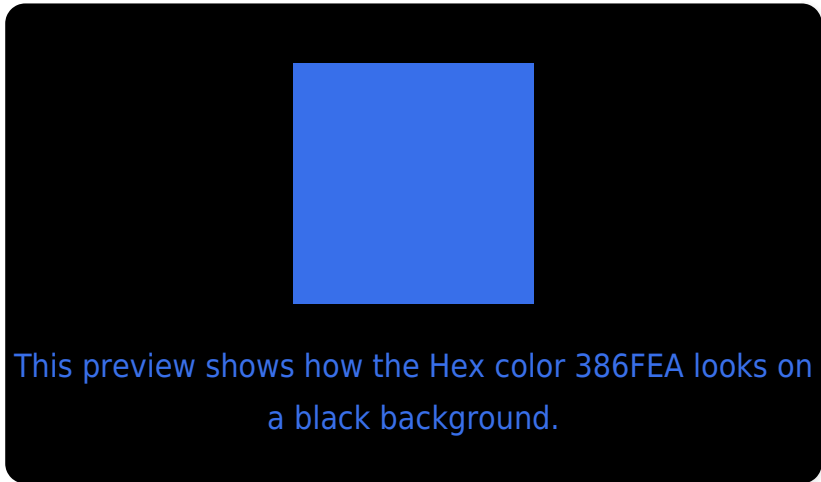
Large Text (above 18pt) WCAG AA ✓ Pass

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

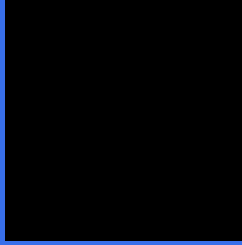
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

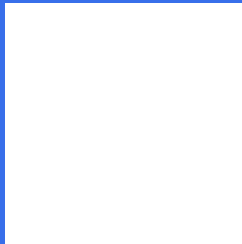
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 386FEA Background



This preview shows how black text looks on a background with the Hex color 386FEA.



This preview shows how white text looks on a background with the Hex color 386FEA.

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](#).

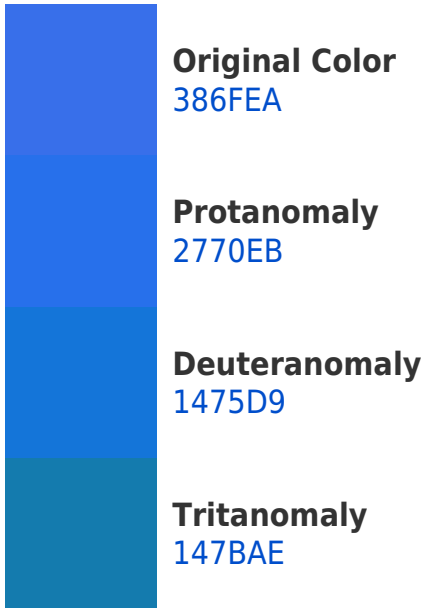
Dichromacy





Tritanopia
00828B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 386FEA 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 #386FEA looks like.

```
.text, #text, p{  
    color:#386FEA  
}
```

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 #386FEA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #386FEA
}
```

Border

The CSS property to change the border of an element to Hex 386FEA 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
#386FEA }
```

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

```
.border{ border-color:#386FEA }
```

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

Here you see how a box with a 4 pixel #386FEA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #386FEA; -webkit-box-shadow:4px 4px  
4px 4px #386FEA; box-shadow:4px 4px 4px  
4px #386FEA }
```

Background

The CSS property to change the background color of an element to Hex 386FEA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#386FEA }
```

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

```
.background{ background-color:#386FEA }
```

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