

Converting Colors

Hex(3F72E6)

Have a look what the booklet for
Hex(3F72E6) contains.

Hex(3F72E6)	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(3F72E6)

Conversions

Conversions Part 1

Format	Color
Hex	3F72E6
RGB	63, 114, 230
RGB Percent	25%, 45%, 90%
CMY	0.7529, 0.5529, 0.0980
CMYK	0.73, 0.50, 0.00, 0.10
HSL	222°, 77%, 57%
HSV	222°, 73%, 90%
XYZ	22.3501, 18.8046, 77.3146
YIQ	111.9750, -67.6320, 25.2640

Conversions

Conversions Part 2

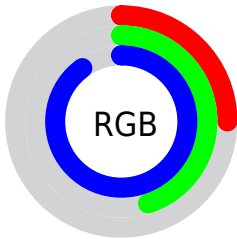
Format	Color
R _Y B	63, 102, 230
Decimal	4158182
CIE Lab	50.46, 22.16, -63.85
CIE LCh	50, 67.582, 289.141
Yxy	18.8046, 0.1887, 0.1587
Android (android.graphics.Color)	4282348262 (0xFF3F72E6)
YUV	111.9750, 58.1863, -42.9511
Hunter-Lab	43.3642, 16.1124, -75.3539

Details

The Hex color **3F72E6** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle washed azure. A complement of this color would be **E6B33F**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **83A5FF**, and **0043AE** is the 20% darker color. If you saturate the color by 10%, you get **2862E6**, and if you desaturate by 10%, it is **5682E6**.

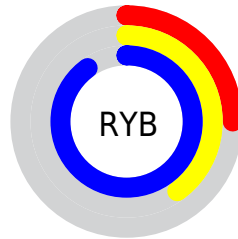
Distribution



Red (25%)

Green (45%)

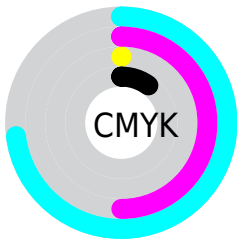
Blue (90%)



Red (25%)

Yellow (40%)

Blue (90%)

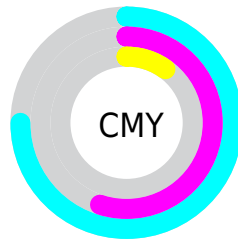


Cyan (73%)

Magenta (50%)

Yellow (0%)

Black (10%)



Cyan (75%)

Magenta (55%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F72E6 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 3F72E6 by changing the saturation by 10% instead.

■ 3F72E6

■ 3F72E6

FFFFFF

■ 005AC9

■ 83A5FF

■ 0043AE

■ A1C0FF

■ 002E92

■ C0DCFF

■ 001B78

■ DFF8FF

■ 00005E

FDFFFF

■ 000846

■ 00042E

■ 000119

■ 000000

■ 3F72E6

■ 3F72E6

■ 2862E6

■ 5682E6

■ 1152E6

■ 6D92E6

■ 0046E6

■ 84A2E6

■ 9BB2E6

■ B2C2E6

■ C9D2E6

■ E0E2E6

■ F7F2E6

■ FFFFE6

Harmonies

Analogous

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



0085EA



3F72E6



A756C4

Triad

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



3F72E6



C9541F



009060

Complementary

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



3F72E6



E6B33F

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.



178B24



3F72E6



A26E00

Square

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



3F72E6



DC3956



6E8000



00929C

Rectangle

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



3F72E6



C941A2



6E8000



008F4C

Sweetspot

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



3F72E6



C7D8FF



3FE6B1



5E6880



000000



808080

Same Dimension

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



3F72E6



2165FF



5E3FE6



676B73



0037B3



001033

Inverse Universe

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



E63F72



FF2165



C7E63F



73676B



B30037



330010

Previews

White Background



This preview shows how the Hex color 3F72E6 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

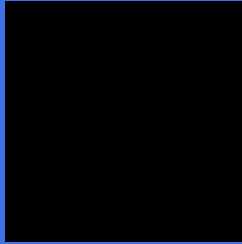
Any Text WCAG AA ✓ Pass

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 3F72E6 Background



This preview shows how black text looks on a background with the Hex color 3F72E6.



This preview shows how white text looks on a background with the Hex color 3F72E6.

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](#).

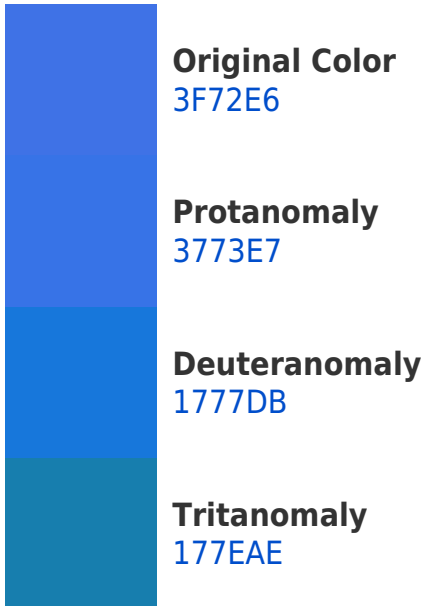
Dichromacy



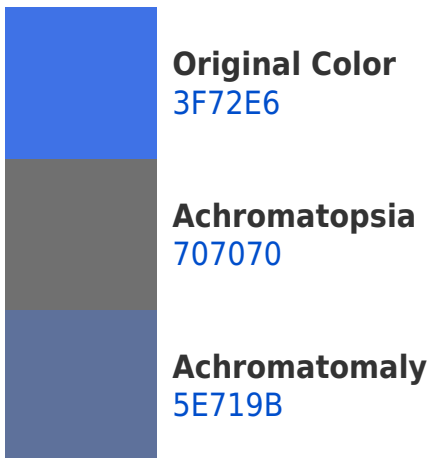


Tritanopia
00858E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3F72E6 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 #3F72E6 looks like.

```
.text, #text, p{  
    color:#3F72E6  
}
```

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 #3F72E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F72E6  
}
```

Border

The CSS property to change the border of an element to Hex 3F72E6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

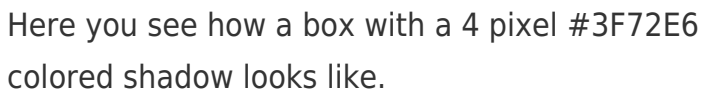
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#3F72E6 }
```

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

```
.border{ border-color:#3F72E6 }
```

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



Here you see how a box with a 4 pixel #3F72E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F72E6; -webkit-box-shadow:4px 4px  
4px 4px #3F72E6; box-shadow:4px 4px 4px  
4px #3F72E6 }
```

Background

The CSS property to change the background color of an element to Hex 3F72E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F72E6 }
```

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

```
.background{ background-color:#3F72E6 }
```

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