

# Converting Colors

Hex(7384EC)

Have a look what the booklet for  
Hex(7384EC) contains.

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# Color

Hex(7384EC)

# Conversions

## Conversions Part 1

Format	Color
Hex	7384EC
RGB	115, 132, 236
RGB Percent	45%, 52%, 93%
CMY	0.5490, 0.4824, 0.0745
CMYK	0.51, 0.44, 0.00, 0.07
HSL	232°, 76%, 69%
HSV	232°, 51%, 93%
XYZ	30.4618, 26.2035, 82.8091
YIQ	138.7730, -43.5160, 28.7400

# Conversions

## Conversions Part 2

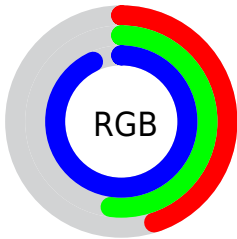
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	115, 130, 236
Decimal	7570668
CIE Lab	58.23, 22.21, -54.58
CIE LCh	58, 58.924, 292.148
Yxy	26.2035, 0.2184, 0.1879
Android (android.graphics.Color)	4285760748 (0xFF7384EC)
YUV	138.7730, 47.9329, -20.8489
Hunter-Lab	51.1893, 16.6406, -60.0810

# Details

The Hex color **7384EC** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **ECDB73**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **ADB9FF**, and **3553B3** is the 20% darker color. If you saturate the color by 10%, you get **5B70EC**, and if you desaturate by 10%, it is **8B98EC**.

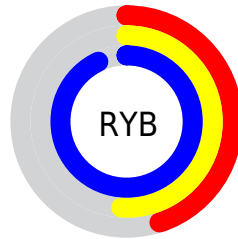
# Distribution



Red (45%)

Green (52%)

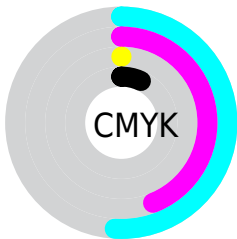
Blue (93%)



Red (45%)

Yellow (51%)

Blue (93%)

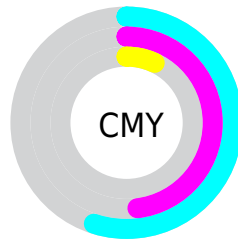


Cyan (51%)

Magenta (44%)

Yellow (0%)

Black (7%)



Cyan (55%)

Magenta (48%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7384EC 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 7384EC by changing the saturation by 10% instead.



 7384EC

 7384EC

FFFFFF

 556BCF

 ADB9FF

 3553B3

 CBD4FF

 023C98

 E8F1FF

 00277E

 001464

 00004C

 000434

 00021E

 000000

■ 7384EC

■ 7384EC

■ 5B70EC

■ 8B98EC

■ 445BEC

■ A2ADEC

■ 2C47EC

■ BAC1EC

■ 1533EC

■ D1D5EC

■ 0021EC

■ E9E9EC

■ FFFEEC

■ FFFFEC

# Harmonies

## Analogous

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



0096F2



7384EC



BD6DCC

# Triad

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



7384EC



D6703B



00A47C

# Complementary

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



7384EC



ECDB73

# 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.



3E9F49



7384EC



B28519

# Square

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



7384EC



E95E68



819520



00A4B1

# Rectangle

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



7384EC



D960AD



819520



00A26A



# Sweetspot

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



7384EC



D9DEFF



73ECDA



696C80



000000



808080



# Same Dimension

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



7384EC



6177FF



9D73EC



6A6B75



0019B5



000836



# Inverse Universe

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



EC7384



FF6177



C2EC73



756A6B



B50019

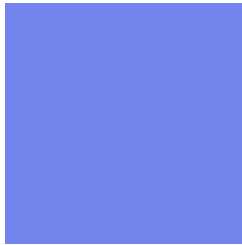


360008



# Previews

## White Background



This preview shows how the Hex color 7384EC looks on a white background.

## Color Contrast Check

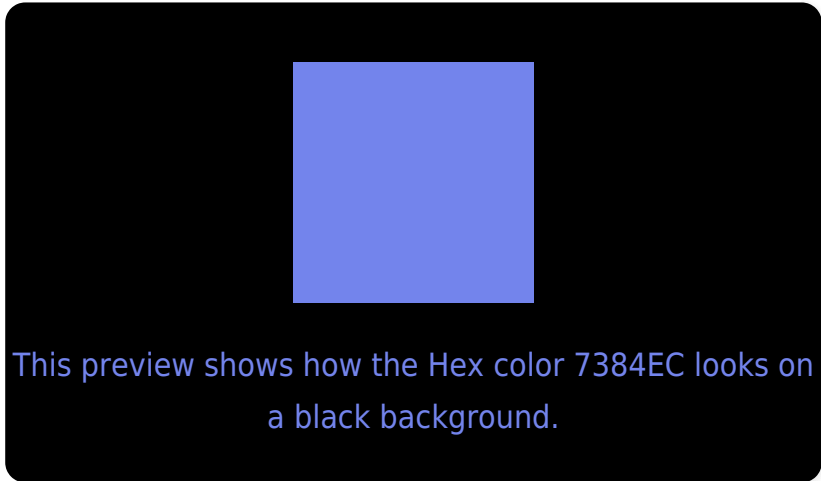
Large Text (above 18pt) WCAG AA ✓ Pass

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

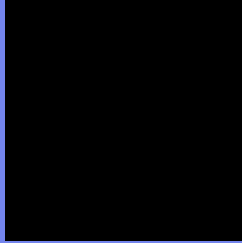
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7384EC Background



This preview shows how black text looks on a background with the Hex color 7384EC.

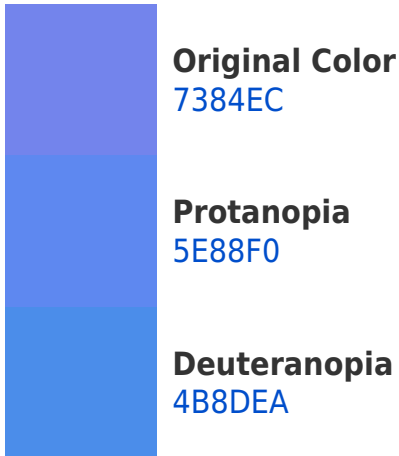


This preview shows how white text looks on a background with the Hex color 7384EC.

# 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](#).

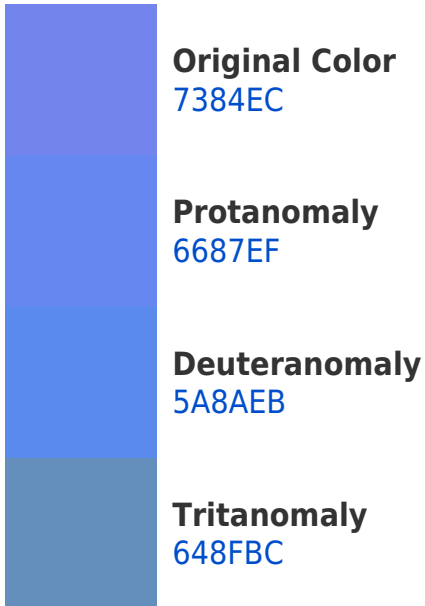
## Dichromacy





**Tritanopia**  
5B95A1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7384EC 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 #7384EC looks like.

```
.text, #text, p{  
    color:#7384EC  
}
```

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 #7384EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7384EC
}
```

## Border

The CSS property to change the border of an element to Hex 7384EC 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
#7384EC }
```

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

```
.border{ border-color:#7384EC }
```

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

Here you see how a box with a 4 pixel #7384EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7384EC; -webkit-box-shadow:4px 4px  
4px 4px #7384EC; box-shadow:4px 4px 4px  
4px #7384EC }
```

# Background

The CSS property to change the background color of an element to Hex 7384EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7384EC }
```

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

```
.background{ background-color:#7384EC }
```

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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