

# Converting Colors

Hex(7182EF)

Have a look what the booklet for  
Hex(7182EF) contains.

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# **Color**

**Hex(7182EF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7182EF
RGB	113, 130, 239
RGB Percent	44%, 51%, 94%
CMY	0.5569, 0.4902, 0.0627
CMYK	0.53, 0.46, 0.00, 0.06
HSL	232°, 80%, 69%
HSV	232°, 53%, 94%
XYZ	30.3727, 25.7080, 85.0227
YIQ	137.3430, -45.1210, 30.2950

# Conversions

## Conversions Part 2

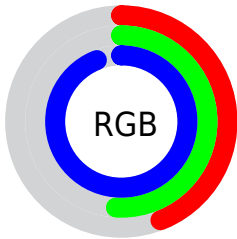
Format	Color
R <sub>Y</sub> B	113, 128, 239
Decimal	7439087
CIE Lab	57.76, 23.91, -57.00
CIE LCh	58, 61.813, 292.757
Yxy	25.7080, 0.2153, 0.1822
Android (android.graphics.Color)	4285629167 (0xFF7182EF)
YUV	137.3430, 50.1169, -21.3488
Hunter-Lab	50.7030, 18.1967, -63.9298

# Details

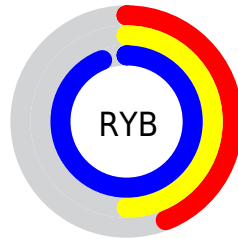
The Hex color **7182EF** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **EFDE71**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **ACB7FF**, and **3151B6** is the 20% darker color. If you saturate the color by 10%, you get **596DEF**, and if you desaturate by 10%, it is **8997EF**.

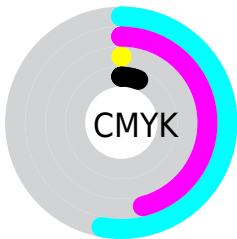
# Distribution



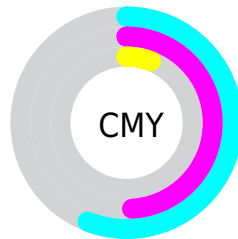
- Red (44%)
- Green (51%)
- Blue (94%)



- Red (44%)
- Yellow (50%)
- Blue (94%)



- Cyan (53%)
- Magenta (46%)
- Yellow (0%)
- Black (6%)



- Cyan (56%)
- Magenta (49%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7182EF 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 7182EF by changing the saturation by 10% instead.




 7182EF

 7182EF

FFFFFF

 5369D2

 ACB7FF

 3151B6

 C9D2FF

 003B9B

 E7EEFF

 002680


 001367

 00004E

 000536

 000220

 000003

 7182EF

 7182EF

 596DEF

 8997EF

 4159EF

 A1ABEF

 2944EF

 B9C0EF

 112FEF

 D1D5EF

 0020EF

 E8E9EF

 FFFEEF

 FFFFEF

# Harmonies

## Analogous

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



0095F6



7182EF



BF6ACD

# Triad

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



7182EF



D76D34



00A37B

# Complementary

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



7182EF



EFDE71

# 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.



349E45



7182EF



B1840B

# Square

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



7182EF



EB5964



7E9416



00A4B3

# Rectangle

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



7182EF



DC5BAC



7E9416



00A269



# Sweetspot

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



7182EF



D6DCFF



71EFDC



676B80



000000



808080



# Same Dimension

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



7182EF



5E74FF



9D71EF



6C6D78



0019B8



000838



# Inverse Universe

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



EF7182



FF5E74



C3EF71



786C6D



B80019

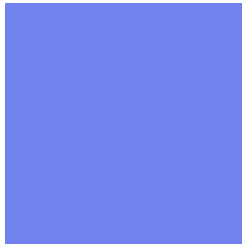


380008



# Previews

## White Background



This preview shows how the Hex color 7182EF looks on a white background.

## Color Contrast Check

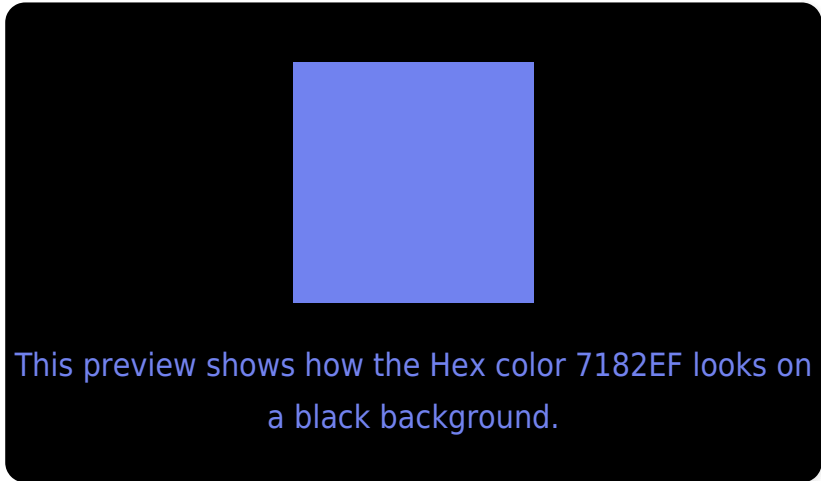
Large Text (above 18pt) WCAG AA ✓ Pass

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

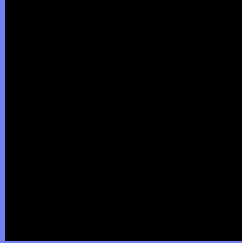
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7182EF Background



This preview shows how black text looks on a background with the Hex color 7182EF.

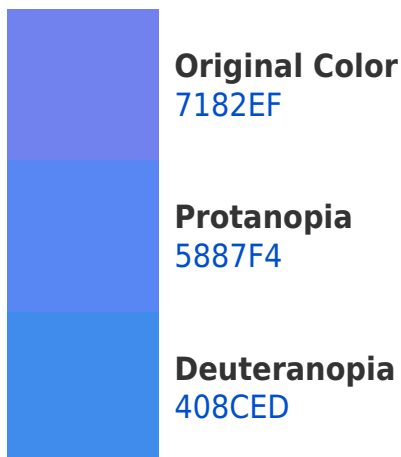


This preview shows how white text looks on a background with the Hex color 7182EF.

# 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](#).

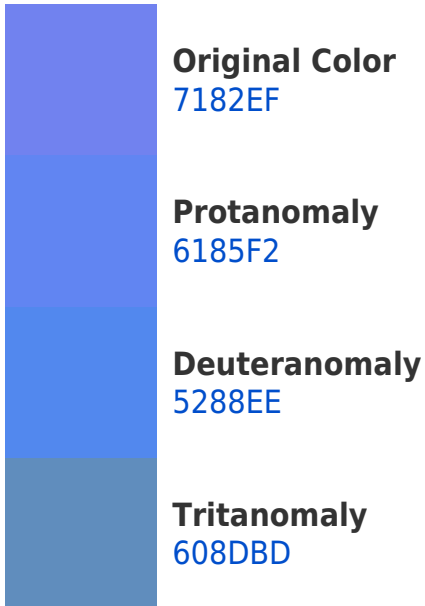
## Dichromacy





**Tritanopia**  
5694A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7182EF 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 #7182EF looks like.

```
.text, #text, p{  
    color:#7182EF  
}
```

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 #7182EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7182EF
}
```

## Border

The CSS property to change the border of an element to Hex 7182EF 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
#7182EF }
```

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

```
.border{ border-color:#7182EF }
```

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

Here you see how a box with a 4 pixel #7182EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7182EF; -webkit-box-shadow:4px 4px  
4px 4px #7182EF; box-shadow:4px 4px 4px  
4px #7182EF }
```

# Background

The CSS property to change the background color of an element to Hex 7182EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7182EF }
```

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

```
.background{ background-color:#7182EF }
```

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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