

Converting Colors

Hex(4172EA)

Have a look what the booklet for
Hex(4172EA) contains.

Hex(4172EA)	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(4172EA)

Conversions

Conversions Part 1

Format	Color
Hex	4172EA
RGB	65, 114, 234
RGB Percent	25%, 45%, 92%
CMY	0.7451, 0.5529, 0.0824
CMYK	0.72, 0.51, 0.00, 0.08
HSL	223°, 80%, 59%
HSV	223°, 72%, 92%
XYZ	23.0486, 19.0990, 80.3136
YIQ	113.0290, -67.7240, 26.9320

Conversions

Conversions Part 2

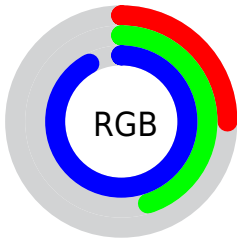
Format	Color
R _{YB}	65, 103, 234
Decimal	4289258
CIE Lab	50.80, 23.85, -65.53
CIE LCh	51, 69.736, 290.003
Yxy	19.0990, 0.1882, 0.1560
Android (android.graphics.Color)	4282479338 (0xFF4172EA)
YUV	113.0290, 59.6387, -42.1214
Hunter-Lab	43.7024, 17.6616, -78.3680

Details

The Hex color **4172EA** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **EAB941**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **85A5FF**, and **0043B1** is the 20% darker color. If you saturate the color by 10%, you get **2A61EA**, and if you desaturate by 10%, it is **5883EA**.

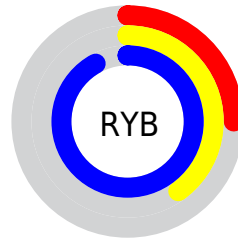
Distribution



Red (25%)

Green (45%)

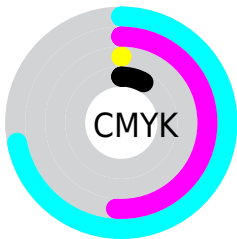
Blue (92%)



Red (25%)

Yellow (40%)

Blue (92%)

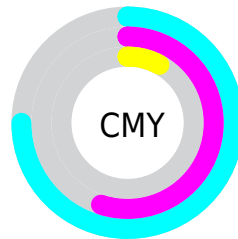


Cyan (72%)

Magenta (51%)

Yellow (0%)

Black (8%)



Cyan (75%)

Magenta (55%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4172EA 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 4172EA by changing the saturation by 10% instead.

 4172EA

 4172EA

FFFFFF

 045ACD

 85A5FF

 0043B1

 A4C0FF

 002E96

 C2DCFF

 001B7B

 E1F8FF

 000062

 000949

 000431

 00011B

 000000

■ 4172EA

■ 4172EA

■ 2A61EA

■ 5883EA

■ 1251EA

■ 7093EA

■ 0044EA

■ 87A4EA

■ 9FB4EA

■ B6C5EA

■ CDD6EA

■ E5E6EA

■ FCF7EA

■ FFFFEA

Harmonies

Analogous

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



0086EF



4172EA



AB54C6

Triad

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



4172EA



CB541A



009262

Complementary

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



4172EA



EAB941

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.



028D23



4172EA



A36F00

Square

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



4172EA



E03654



6D8200



0093A0

Rectangle

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



4172EA



CD3EA3



6D8200



00914E

Sweetspot

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



4172EA



C7D7FF



41EAB7



5E6880



000000



808080

Same Dimension

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



4172EA



2161FF



6341EA



6A6D75



0034B5



001036

Inverse Universe

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



EA4172



FF2161



C8EA41



756A6D



B50034



360010

Previews

White Background



This preview shows how the Hex color 4172EA looks on a white background.

Color Contrast Check

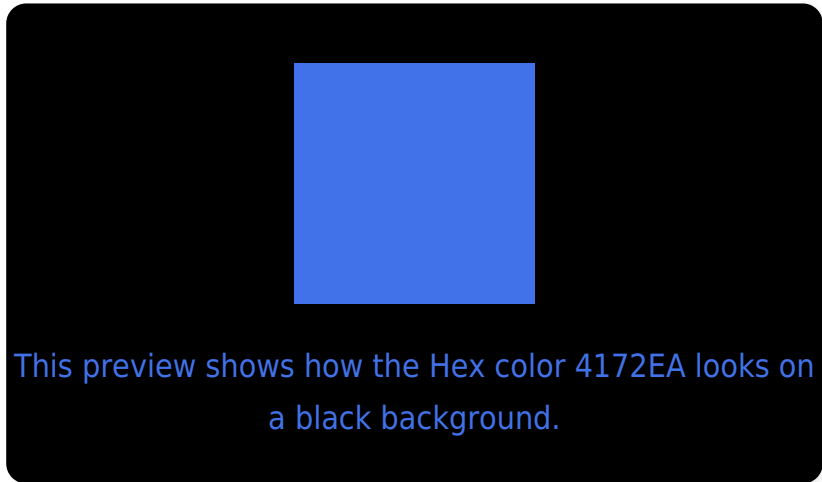
Large Text (above 18pt) WCAG AA ✓ Pass

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

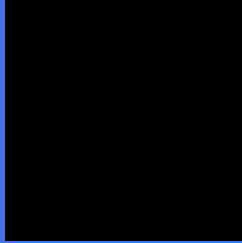
Any Text WCAG AA ✓ Pass

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 4172EA Background



This preview shows how black text looks on a background with the Hex color 4172EA.



This preview shows how white text looks on a background with the Hex color 4172EA.

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](#).

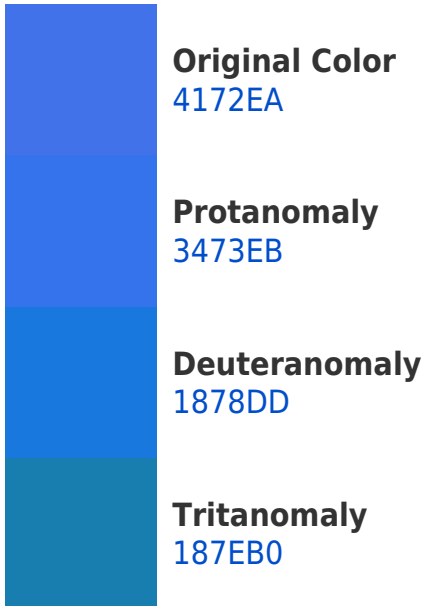
Dichromacy





Tritanopia
00858F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4172EA 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 #4172EA looks like.

```
.text, #text, p{  
    color:#4172EA  
}
```

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 #4172EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4172EA
}
```

Border

The CSS property to change the border of an element to Hex 4172EA 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
#4172EA }
```

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

```
.border{ border-color:#4172EA }
```

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

Here you see how a box with a 4 pixel #4172EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4172EA; -webkit-box-shadow:4px 4px  
4px 4px #4172EA; box-shadow:4px 4px 4px  
4px #4172EA }
```

Background

The CSS property to change the background color of an element to Hex 4172EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4172EA }
```

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

```
.background{ background-color:#4172EA }
```

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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