

Converting Colors

Hex(7291EE)

Have a look what the booklet for
Hex(7291EE) contains.

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Color

Hex(7291EE)

Conversions

Conversions Part 1

Format	Color
Hex	7291EE
RGB	114, 145, 238
RGB Percent	45%, 57%, 93%
CMY	0.5529, 0.4314, 0.0667
CMYK	0.52, 0.39, 0.00, 0.07
HSL	225°, 78%, 69%
HSV	225°, 52%, 93%
XYZ	32.4974, 30.0013, 84.9669
YIQ	146.3330, -48.3290, 22.3510

Conversions

Conversions Part 2

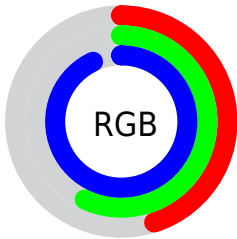
Format	Color
RYB	114, 139, 238
Decimal	7508462
CIELab	61.66, 14.91, -50.24
CIELCh	62, 52.407, 286.526
Yxy	30.0013, 0.2204, 0.2034
Android (android.graphics.Color)	4285698542 (0xFF7291EE)
YUV	146.3330, 45.1918, -28.3560
Hunter-Lab	54.7734, 10.0519, -53.6319

Details

The Hex color **7291EE** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **EECF72**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **ACC7FF**, and **345FB5** is the 20% darker color. If you saturate the color by 10%, you get **5A7FEE**, and if you desaturate by 10%, it is **8AA3EE**.

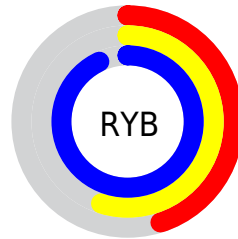
Distribution



Red (45%)

Green (57%)

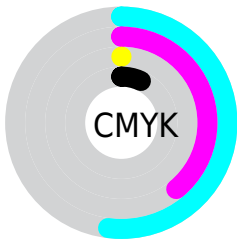
Blue (93%)



Red (45%)

Yellow (55%)

Blue (93%)

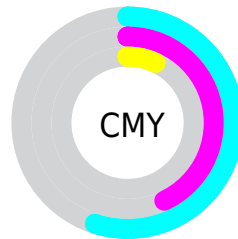


Cyan (52%)

Magenta (39%)

Yellow (0%)

Black (7%)



Cyan (55%)

Magenta (43%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7291EE 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 7291EE by changing the saturation by 10% instead.

 7291EE

 7291EE

FFFFFF

 5478D1

 ACC7FF

 345FB5

 CAE2FF

 00489A

 E7FFFF

 003280

 001E66

 00044E

 000536

 000220

 000003

■ 7291EE

■ 7291EE

■ 5A7FEE

■ 8AA3EE

■ 426DEE

■ A2B5EE

■ 2B5BEE

■ B9C7EE

■ 134AEE

■ D1D8EE

■ 003BEE

■ E9EAEE

■ FFFCEE

■ FFFFEE

Harmonies

Analogous

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



00A0EF



7291EE



B87ED5

Triad

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



7291EE



DF7953



00AB7E

Complementary

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



7291EE



EECF72

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.



61A552



7291EE



C08B37

Square

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



7291EE



EB6D7D



969A36



00ACAE

Rectangle

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



7291EE



D673BB



969A36



28A96E

Sweetspot

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



7291EE



D6E0FF



72EECF



676D80



000000



808080

Same Dimension

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



7291EE



5E87FF



9172EE



6C6F78



002EB8



000E38

Inverse Universe

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



EE7291



FF5E87



CFEE72



786C6F



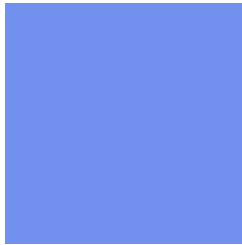
B8002E



38000E

Previews

White Background



This preview shows how the Hex color 7291EE looks on a white background.

Color Contrast Check

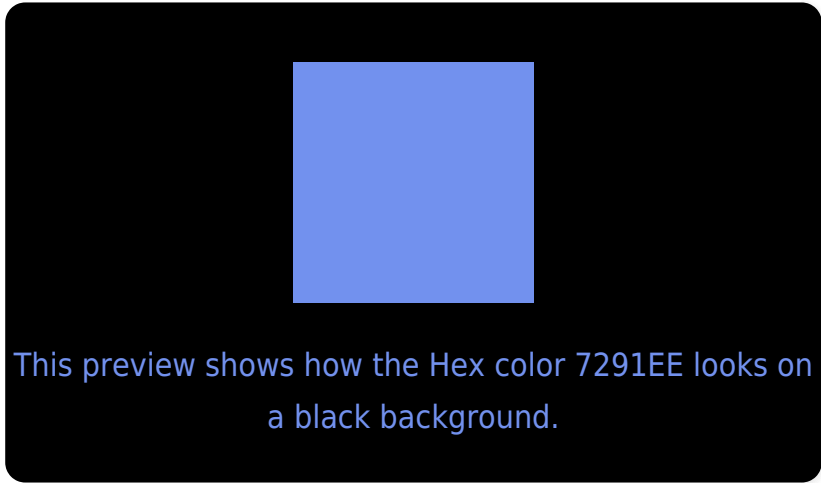
Large Text (above 18pt) WCAG AA ✓ Pass

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

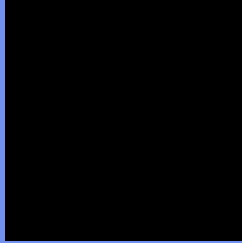
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 7291EE Background



This preview shows how black text looks on a background with the Hex color 7291EE.



This preview shows how white text looks on a background with the Hex color 7291EE.

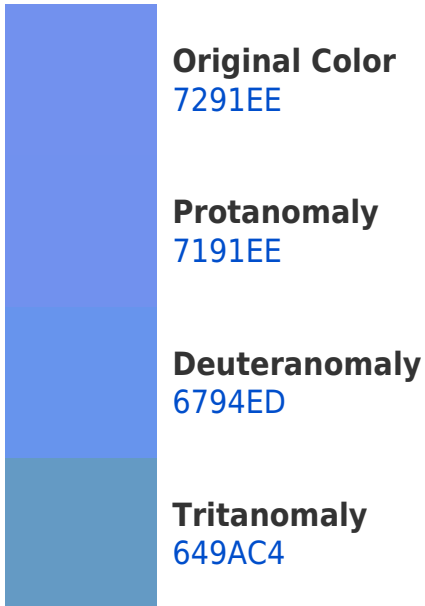
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7291EE 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 #7291EE looks like.

```
.text, #text, p{  
    color:#7291EE  
}
```

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 #7291EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7291EE
}
```

Border

The CSS property to change the border of an element to Hex 7291EE 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
#7291EE }
```

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

```
.border{ border-color:#7291EE }
```

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

Here you see how a box with a 4 pixel #7291EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7291EE; -webkit-box-shadow:4px 4px  
4px 4px #7291EE; box-shadow:4px 4px 4px  
4px #7291EE }
```

Background

The CSS property to change the background color of an element to Hex 7291EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7291EE }
```

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

```
.background{ background-color:#7291EE }
```

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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