

Converting Colors

Hex(7191E1)

Have a look what the booklet for
Hex(7191E1) contains.

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Color

Hex(7191E1)

Conversions

Conversions Part 1

Format	Color
Hex	7191E1
RGB	113, 145, 225
RGB Percent	44%, 57%, 88%
CMY	0.5569, 0.4314, 0.1176
CMYK	0.50, 0.36, 0.00, 0.12
HSL	223°, 65%, 66%
HSV	223°, 50%, 88%
XYZ	30.5261, 29.1978, 75.2610
YIQ	144.5520, -44.7520, 18.0960

Conversions

Conversions Part 2

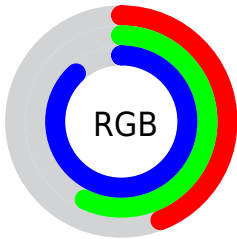
Format	Color
R _Y B	113, 138, 225
Decimal	7442913
CIE Lab	60.96, 10.70, -44.15
CIE LCh	61, 45.431, 283.629
Yxy	29.1978, 0.2261, 0.2163
Android (android.graphics.Color)	4285632993 (0xFF7191E1)
YUV	144.5520, 39.6609, -27.6711
Hunter-Lab	54.0349, 6.2792, -44.7559

Details

The Hex color **7191E1** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **E1C171**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **AAC7FF**, and **365FA9** is the 20% darker color. If you saturate the color by 10%, you get **5B81E1**, and if you desaturate by 10%, it is **88A1E1**.

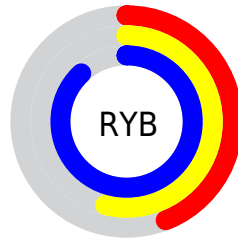
Distribution



Red (44%)

Green (57%)

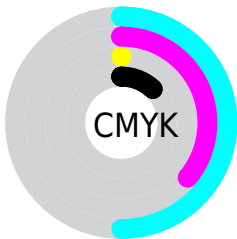
Blue (88%)



Red (44%)

Yellow (54%)

Blue (88%)

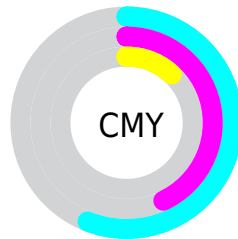


Cyan (50%)

Magenta (36%)

Yellow (0%)

Black (12%)



Cyan (56%)


Magenta (43%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7191E1 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 7191E1 by changing the saturation by 10% instead.

 7191E1

 7191E1

FFFFFF

 5477C5

 AAC7FF

 365FA9

 C7E3FF

 0C488E

 E4FFFF

 003274

 001E5B

 000243

 00032C

 000117

 000000

■ 7191E1

■ 7191E1

■ 5B81E1

■ 88A1E1

■ 4471E1

■ 9EB1E1

■ 2E61E1

■ B4C1E1

■ 1751E1

■ CBD1E1

■ 0141E1

■ E1E1E1

■ 0040E1

■ F8F1E1

■ FFFE1

Harmonies

Analogous

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



009EE0



7191E1



AE81CD

Triad

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



7191E1



D67B5D



2AA67B

Complementary

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



7191E1



E1C171

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.



6CA057



7191E1



BD8945

Square

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



7191E1



DF7282



999742



00A8A5

Rectangle

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



7191E1



C978B7



999742



46A56E

Sweetspot

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



7191E1



D9E4FF



71E1BF



696F80



000000



808080

Same Dimension

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



7191E1



6692FF



8771E1



656870



0032B0



000E30

Inverse Universe

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



E17191



FF6692



CBE171



706568



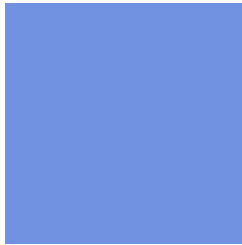
B00032



30000E

Previews

White Background



This preview shows how the Hex color 7191E1 looks on a white background.

Color Contrast Check

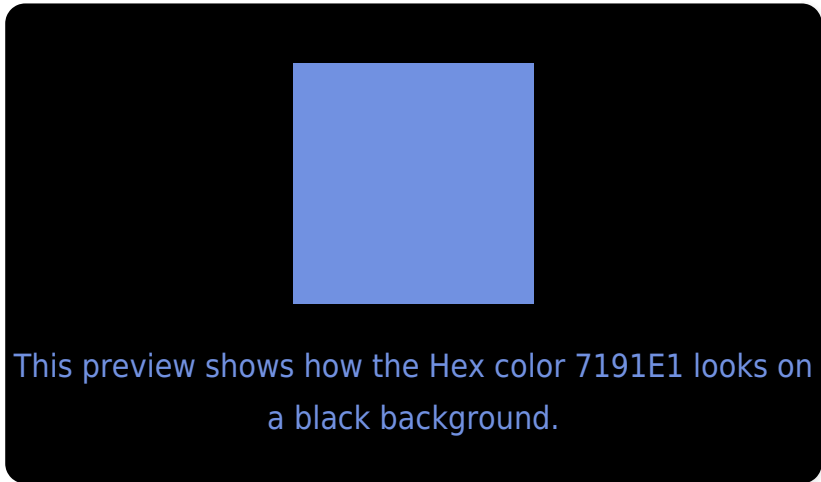
Large Text (above 18pt) WCAG AA ✓ Pass

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

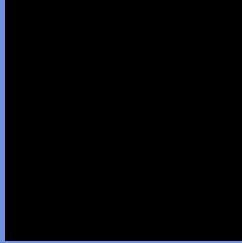
Any Text WCAG AA ✓ Pass

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 7191E1 Background



This preview shows how black text looks on a background with the Hex color 7191E1.

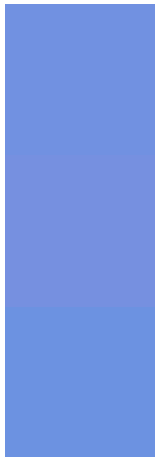


This preview shows how white text looks on a background with the Hex color 7191E1.

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](#).

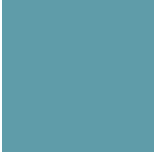
Dichromacy



Original Color
7191E1

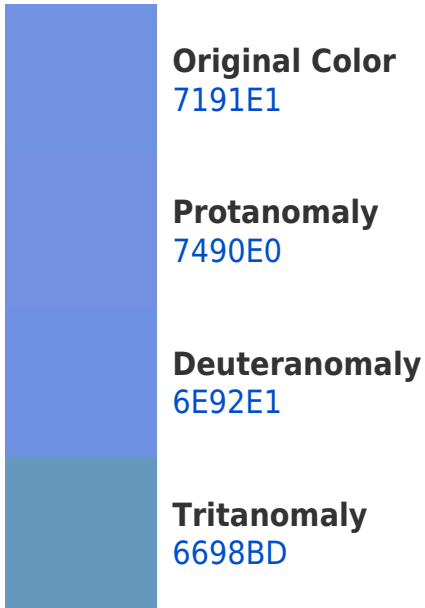
Protanopia
7690E0

Deuteranopia
6C92E1

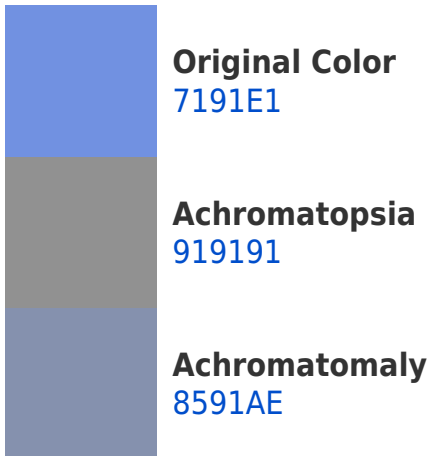


Tritanopia
5F9CA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7191E1 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 #7191E1 looks like.

```
.text, #text, p{  
    color:#7191E1  
}
```

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 #7191E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7191E1
}
```

Border

The CSS property to change the border of an element to Hex 7191E1 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
#7191E1 }
```

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

```
.border{ border-color:#7191E1 }
```

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

Here you see how a box with a 4 pixel #7191E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7191E1; -webkit-box-shadow:4px 4px  
4px 4px #7191E1; box-shadow:4px 4px 4px  
4px #7191E1 }
```

Background

The CSS property to change the background color of an element to Hex 7191E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7191E1 }
```

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

```
.background{ background-color:#7191E1 }
```

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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