

# Converting Colors

Hex(7191DF)

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

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# **Color**

**Hex(7191DF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7191DF
RGB	113, 145, 223
RGB Percent	44%, 57%, 87%
CMY	0.5569, 0.4314, 0.1255
CMYK	0.49, 0.35, 0.00, 0.13
HSL	223°, 63%, 66%
HSV	223°, 49%, 87%
XYZ	30.2547, 29.0892, 73.8322
YIQ	144.3240, -44.1100, 17.4740

# Conversions

## Conversions Part 2

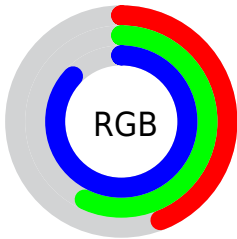
Format	Color
<a href="#">RYB</a>	<a href="#">113, 138, 223</a>
Decimal	<a href="#">7442911</a>
CIELab	<a href="#">60.86, 10.10, -43.19</a>
CIELCh	<a href="#">61, 44.355, 283.161</a>
Yxy	<a href="#">29.0892, 0.2272, 0.2184</a>
Android (android.graphics.Color)	<a href="#">4285632991</a> ( <a href="#">0xFF7191DF</a> )
YUV	<a href="#">144.3240, 38.7873, -27.4711</a>
Hunter-Lab	<a href="#">53.9344, 5.7451, -43.4095</a>

# Details

The Hex color **7191DF** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **DFBF71**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **AAC7FF**, and **365FA7** is the 20% darker color. If you saturate the color by 10%, you get **5B81DF**, and if you desaturate by 10%, it is **87A1DF**.

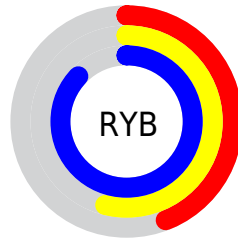
# Distribution



Red (44%)

Green (57%)

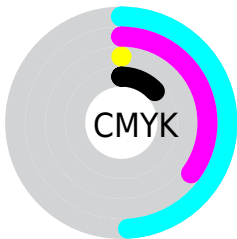
Blue (87%)



Red (44%)

Yellow (54%)

Blue (87%)

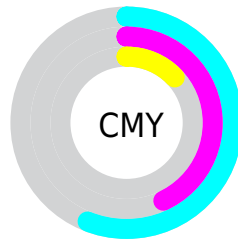


Cyan (49%)

Magenta (35%)

Yellow (0%)

Black (13%)



Cyan (56%)

Magenta (43%)


Yellow (13%)

# Brightness & Saturation Gradients

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



 7191DF

 7191DF

FFFFFF

 5477C3

 AAC7FF

 365FA7

 C7E3FF

 0E488D

 E4FFFF

 003273


 001E5A


 000242

 00032B

 000115

 000000

 7191DF

 7191DF

 5B81DF

 87A1DF

 4471DF


 9EB1DF

 2E62DF

 B4C0DF

 1852DF

 CAD0DF

 0142DF

 E0E0DF

 0041DF

 F7F0DF

 FFFFDF

# Harmonies

## Analogous

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



009DDD



7191DF



AC82CC

# Triad

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



7191DF



D57B5F



31A57B

# Complementary

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



7191DF



DFBF71

# 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.



6EA058



7191DF



BD8947

# Square

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



7191DF



DD7283



9A9644



00A7A3

# Rectangle

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



7191DF



C779B7



9A9644



4AA46E



# Sweetspot

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



7191DF



D9E4FF



71DFBE



696F80



000000



808080



# Same Dimension

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



7191DF



6994FF



8771DF



656870



0033B0



000E30



# Inverse Universe

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



DF7191



FF6994



C9DF71



706568



B00033

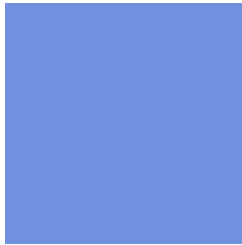


30000E



# Previews

## White Background



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

## Color Contrast Check

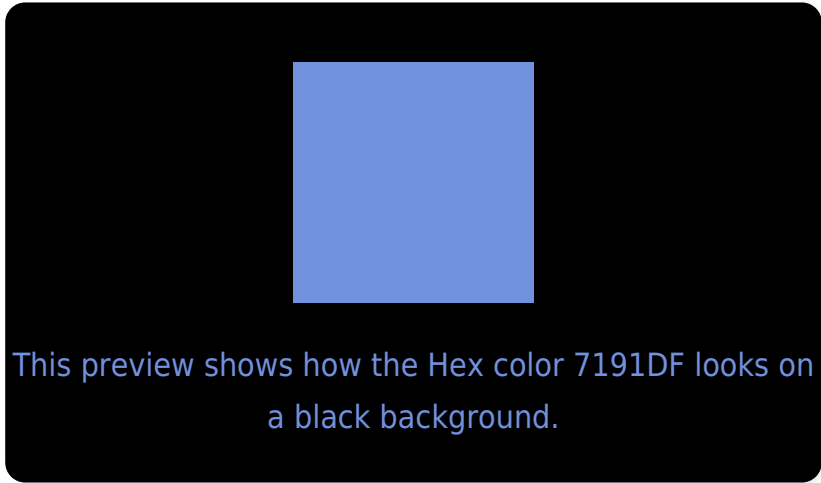
Large Text (above 18pt) WCAG AA ✓ Pass

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

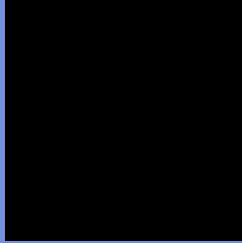
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7191DF Background



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

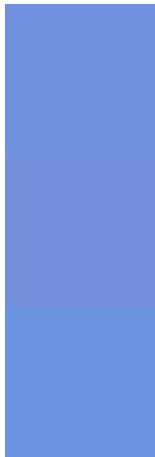


This preview shows how white text looks on a background with the Hex color 7191DF.

# 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**  
7191DF

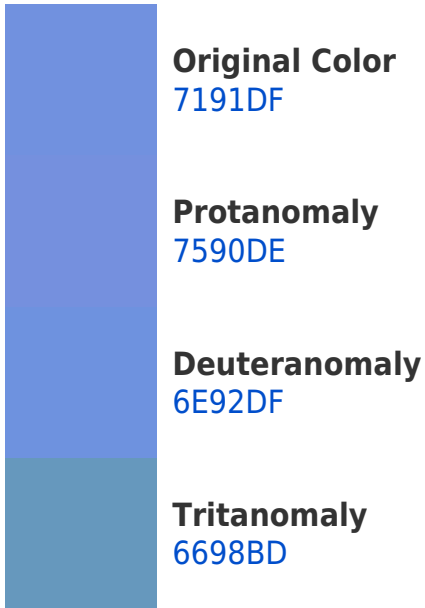
**Protanopia**  
7790DE

**Deuteranopia**  
6D92DF

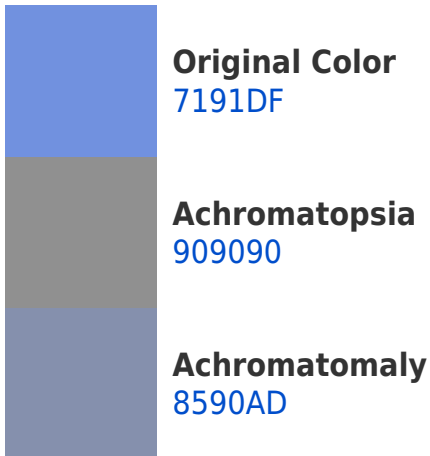


**Tritanopia**  
609CA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #7191DF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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