

Converting Colors

Hex(7191D8)

Have a look what the booklet for
Hex(7191D8) contains.

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Color

Hex(7191D8)

Conversions

Conversions Part 1

Format	Color
Hex	7191D8
RGB	113, 145, 216
RGB Percent	44%, 57%, 85%
CMY	0.5569, 0.4314, 0.1529
CMYK	0.48, 0.33, 0.00, 0.15
HSL	221°, 57%, 65%
HSV	221°, 48%, 85%
XYZ	29.3301, 28.7194, 68.9633
YIQ	143.5260, -41.8630, 15.2970

Conversions

Conversions Part 2

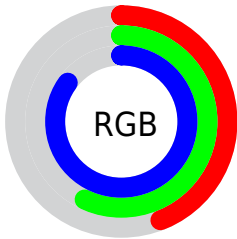
Format	Color
R_{YB}	113, 137, 216
Decimal	7442904
CIE Lab	60.53, 8.00, -39.80
CIE LCh	61, 40.599, 281.358
Yxy	28.7194, 0.2309, 0.2261
Android (android.graphics.Color)	4285632984 (0xFF7191D8)
YUV	143.5260, 35.7297, -26.7713
Hunter-Lab	53.5905, 3.9099, -38.7844

Details

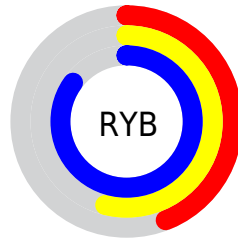
The Hex color **7191D8** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D8B871**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **A9C7FF**, and **385FA1** is the 20% darker color. If you saturate the color by 10%, you get **5B82D8**, and if you desaturate by 10%, it is **87A0D8**.

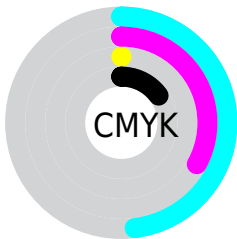
Distribution



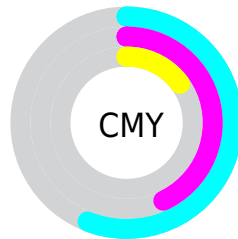
- Red (44%)
- Green (57%)
- Blue (85%)



- Red (44%)
- Yellow (54%)
- Blue (85%)



- Cyan (48%)
- Magenta (33%)
- Yellow (0%)
- Black (15%)



- Cyan (56%)
- Magenta (43%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7191D8 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 7191D8 by changing the saturation by 10% instead.

■ 7191D8

■ 7191D8

FFFFFF

■ 5577BC

■ A9C7FF

■ 385FA1

■ C6E3FF

■ 144886

■ E3FFFF

■ 00326D

■ 001D54

■ 00023C

■ 000226

■ 00010F

■ 000000

 7191D8

 7191D8

 5B82D8

 87A0D8

 4673D8

 9CAFD8

 3064D8

 B2BED8

 1B55D8

 C7CDD8

 0547D8

 DDDBD8

 0043D8

 F3EAD8

 FFF9D8

 FFFFD8

Harmonies

Analogous

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



149CD5



7191D8



A783C8

Triad

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



7191D8



D07C64



42A37A

Complementary

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



7191D8



D8B871

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.



749E5B



7191D8



BB884E

Square

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



7191D8



D67586



9B944A



00A59F

Rectangle

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



7191D8



C07BB5



9B944A



54A26E

Sweetspot

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



7191D8



DBE6FF



71D8B7



6A7180



000000



808080

Same Dimension

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



7191D8



6E9BFF



8471D8



60646B



0035AB



000D2B

Inverse Universe

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



D87191



FF6E9B



C5D871



6B6064



AB0035



2B000D

Previews

White Background



This preview shows how the Hex color 7191D8 looks on a white background.

Color Contrast Check

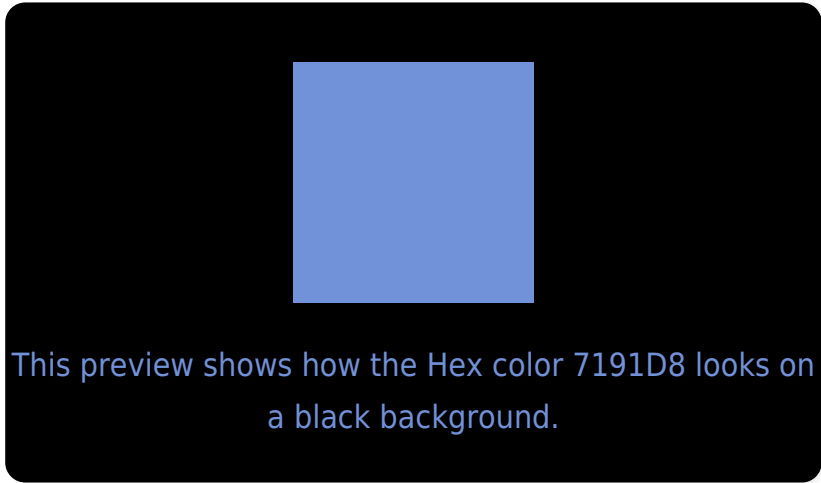
Large Text (above 18pt) WCAG AA ✓ Pass

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

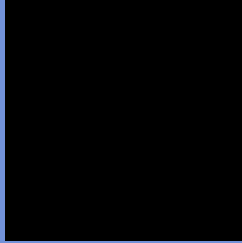
Any Text WCAG AA ✓ Pass

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 7191D8 Background



This preview shows how black text looks on a background with the Hex color 7191D8.



This preview shows how white text looks on a background with the Hex color 7191D8.

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
7191D8

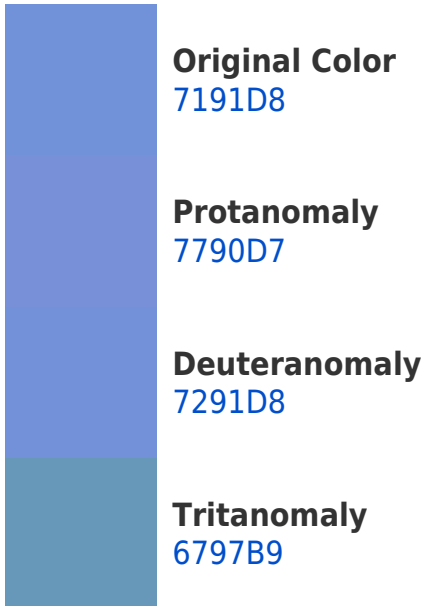
Protanopia
7A8FD6

Deuteranopia
7291D8

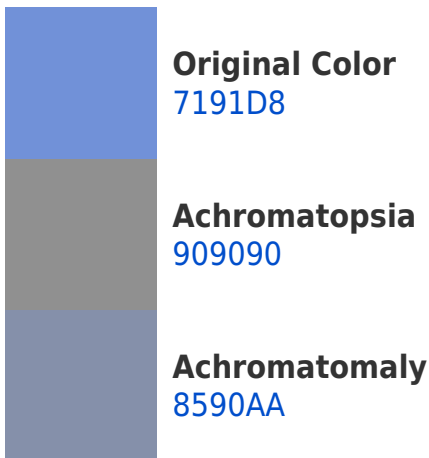


Tritanopia
629BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7191D8 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 #7191D8 looks like.

```
.text, #text, p{  
    color:#7191D8  
}
```

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 #7191D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7191D8
}
```

Border

The CSS property to change the border of an element to Hex 7191D8 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
#7191D8 }
```

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

```
.border{ border-color:#7191D8 }
```

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

Here you see how a box with a 4 pixel #7191D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7191D8; -webkit-box-shadow:4px 4px  
4px 4px #7191D8; box-shadow:4px 4px 4px  
4px #7191D8 }
```

Background

The CSS property to change the background color of an element to Hex 7191D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7191D8 }
```

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

```
.background{ background-color:#7191D8 }
```

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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