

Converting Colors

Hex(8191CC)

Have a look what the booklet for
Hex(8191CC) contains.

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Color

Hex(8191CC)

Conversions

Conversions Part 1

Format	Color
Hex	8191CC
RGB	129, 145, 204
RGB Percent	51%, 57%, 80%
CMY	0.4941, 0.4314, 0.2000
CMYK	0.37, 0.29, 0.00, 0.20
HSL	227°, 42%, 65%
HSV	227°, 37%, 80%
XYZ	30.0777, 29.2776, 61.1926
YIQ	146.9420, -28.4750, 14.9570

Conversions

Conversions Part 2

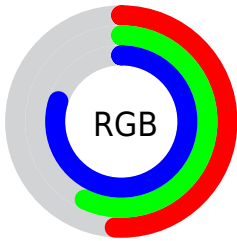
Format	Color
RYB	129, 142, 204
Decimal	8491468
CIELab	61.03, 8.72, -32.24
CIELCh	61, 33.403, 285.130
Yxy	29.2776, 0.2495, 0.2429
Android (android.graphics.Color)	4286681548 (0xFF8191CC)
YUV	146.9420, 28.1296, -15.7351
Hunter-Lab	54.1087, 4.5335, -29.1761

Details

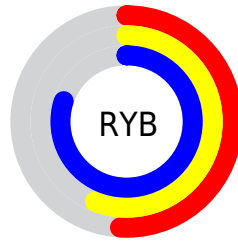
The Hex color **8191CC** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **CCBC81**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **B8C7FF**, and **4C5F96** is the 20% darker color. If you saturate the color by 10%, you get **6D81CC**, and if you desaturate by 10%, it is **95A1CC**.

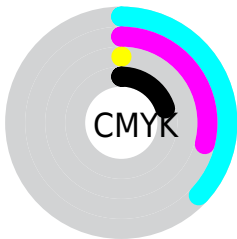
Distribution



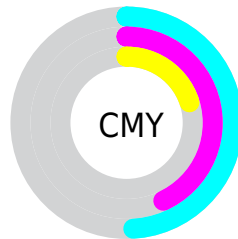
- Red (51%)
- Green (57%)
- Blue (80%)



- Red (51%)
- Yellow (56%)
- Blue (80%)



- Cyan (37%)
- Magenta (29%)
- Yellow (0%)
- Black (20%)



- Cyan (49%)
- Magenta (43%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8191CC 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 8191CC by changing the saturation by 10% instead.

 8191CC

 8191CC

FFFFFF

 6677B0

 B8C7FF

 4C5F96

 D4E3FF

 32477B

 F1FFFF

 153162

 001D4A

 000133

 00021D

 000000

 8191CC

 8191CC

■ 6D81CC

■ 95A1CC

■ 5871CC

■ AAB1CC

■ 4461CC

■ BEC1CC

■ 2F51CC

■ D3D1CC

■ 1B41CC

■ E7E1CC

■ 0731CC

■ FBF1CC

■ 002CCC

■ FFFFCC

Harmonies

Analogous

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



4F9ACC



8191CC



A986BD

Triad

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



8191CC



C7836B



51A283

Complementary

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



8191CC



CCBC81

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.



779E69



8191CC



B48C5A

Square

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



8191CC



CD7D85



989659



28A3A2

Rectangle

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



8191CC



BD80AD



989659



5EA179

Sweetspot

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



8191CC



E3E9FF



81CCBC



6F7280



000000



808080

Same Dimension

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



8191CC



8FA7FF



9681CC



5C5E66



0023A6



000826

Inverse Universe

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



CC8191



FF8FA7



B7CC81



665C5E



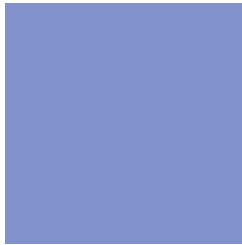
A60023



260008

Previews

White Background



This preview shows how the Hex color 8191CC looks on a white background.

Color Contrast Check

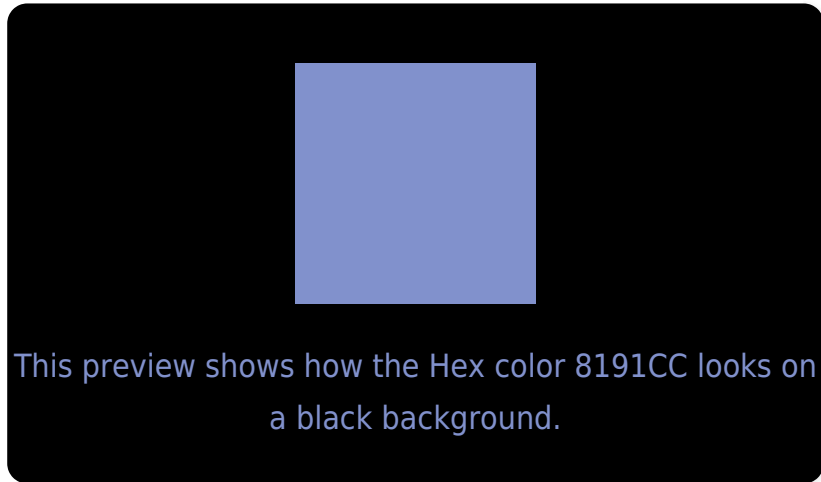
Large Text (above 18pt) WCAG AA ✓ Pass

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

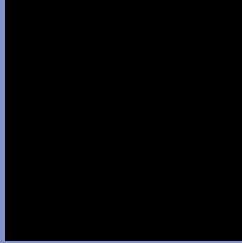
Any Text WCAG AA ✓ Pass

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 8191CC Background



This preview shows how black text looks on a background with the Hex color 8191CC.



This preview shows how white text looks on a background with the Hex color 8191CC.

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
8191CC

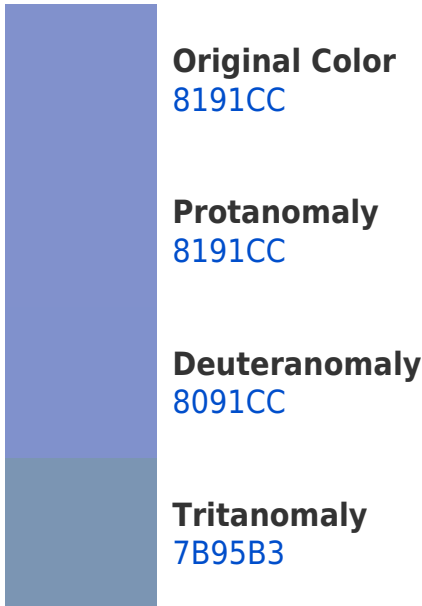
Protanopia
8191CC

Deuteranopia
8091CC

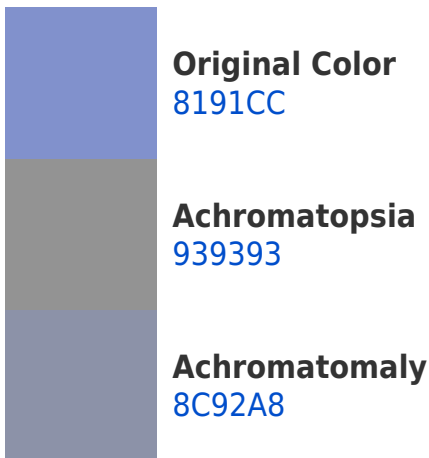


Tritanopia
7898A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8191CC 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 #8191CC looks like.

```
.text, #text, p{  
    color:#8191CC  
}
```

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 #8191CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8191CC
}
```

Border

The CSS property to change the border of an element to Hex 8191CC 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
#8191CC }
```

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

```
.border{ border-color:#8191CC }
```

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

Here you see how a box with a 4 pixel #8191CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8191CC; -webkit-box-shadow:4px 4px  
4px 4px #8191CC; box-shadow:4px 4px 4px  
4px #8191CC }
```

Background

The CSS property to change the background color of an element to Hex 8191CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8191CC }
```

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

```
.background{ background-color:#8191CC }
```

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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