

Converting Colors

Hex(8193B2)

Have a look what the booklet for
Hex(8193B2) contains.

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Color

Hex(8193B2)

Conversions

Conversions Part 1

Format	Color
Hex	8193B2
RGB	129, 147, 178
RGB Percent	51%, 58%, 70%
CMY	0.4941, 0.4235, 0.3020
CMYK	0.28, 0.17, 0.00, 0.30
HSL	218°, 24%, 60%
HSV	218°, 28%, 70%
XYZ	27.5229, 28.7489, 46.2180
YIQ	145.1520, -20.6790, 5.8250

Conversions

Conversions Part 2

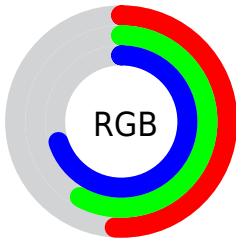
Format	Color
R_{YB}	129, 142, 178
Decimal	8491954
CIE _{Lab}	60.56, 0.79, -18.31
CIE _{LCh}	61, 18.326, 272.485
Yxy	28.7489, 0.2685, 0.2805
Android (android.graphics.Color)	4286682034 (0xFF8193B2)
YUV	145.1520, 16.1941, -14.1653
Hunter-Lab	53.6180, -2.2050, -13.5745

Details

The Hex color **8193B2** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **B2A081**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **B7C9EA**, and **4E617D** is the 20% darker color. If you saturate the color by 10%, you get **6F88B2**, and if you desaturate by 10%, it is **939EB2**.

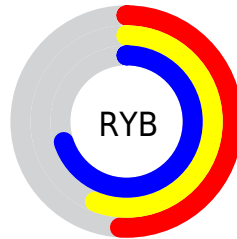
Distribution



Red (51%)

Green (58%)

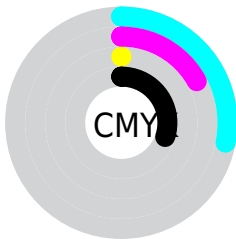
Blue (70%)



Red (51%)

Yellow (56%)

Blue (70%)

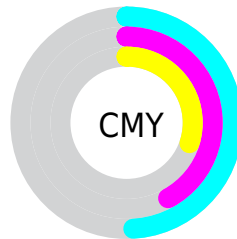


Cyan (28%)

Magenta (17%)

Yellow (0%)

Black (30%)



Cyan (49%)

Magenta (42%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8193B2 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 8193B2 by changing the saturation by 10% instead.



8193B2



8193B2

FFFFFF



677997



B7C9EA



4E617D



D3E5FF



364964



FFFFFF



1E324C



051E35



000320



000005



000000



8193B2



8193B2

6F88B2

939EB2

5D7CB2

A5AAB2

4C71B2

B6B5B2

3A66B2

C8C0B2

285BB2

DACBB2

164FB2

ECD7B2

0444B2

FEE2B2

0041B2

FFEDB2

FFF8B2

Harmonies

Analogous

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



6E98AE



8193B2



978DAD

Triad

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



8193B2



B38881



799A83

Complementary

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



8193B2



B2A081

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.



8B9677



8193B2



AB8C76

Square

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



8193B2



B28791



9D9172



6A9B93

Rectangle

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



8193B2



A38AA6



9D9172



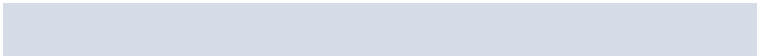
7F997E

Sweetspot

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



8193B2



D5DCE8



81B29F



6A6E75



F5F5F5



757575

Same Dimension

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



8193B2



9BB8E8



8781B2



505459



003899



00091A

Inverse Universe

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



B28193



E89BB8



ACB281



595054



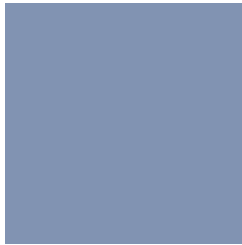
990038



1A0009

Previews

White Background



This preview shows how the Hex color 8193B2 looks on a white background.

Color Contrast Check

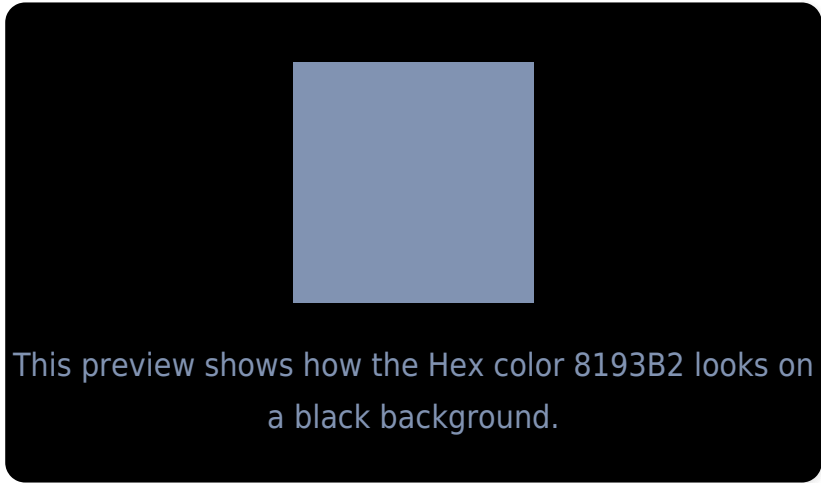
Large Text (above 18pt) WCAG AA ✓ Pass

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

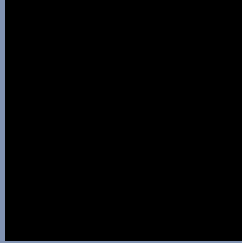
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

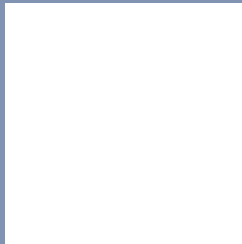
Any Text WCAG AAA × Fail

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

Hex 8193B2 Background



This preview shows how black text looks on a background with the Hex color 8193B2.



This preview shows how white text looks on a background with the Hex color 8193B2.

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
8193B2

Protanopia
8B90B0

Deuteranopia
8F8FB3



Tritanopia
7E96A2

Trichromacy



Original Color
8193B2

Protanomaly
8791B1

Deuteranomaly
8A90B3

Tritanomaly
7F95A8

Monochromacy



Original Color
8193B2

Achromatopsia
919191

Achromatomaly
8B929D

CSS Examples

Text

The CSS property to change the color of the text to Hex 8193B2 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 #8193B2 looks like.

```
.text, #text, p{  
    color:#8193B2  
}
```

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 #8193B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8193B2
}
```

Border

The CSS property to change the border of an element to Hex 8193B2 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
#8193B2 }
```

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

```
.border{ border-color:#8193B2 }
```

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

Here you see how a box with a 4 pixel #8193B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8193B2; -webkit-box-shadow:4px 4px  
4px 4px #8193B2; box-shadow:4px 4px 4px  
4px #8193B2 }
```

Background

The CSS property to change the background color of an element to Hex 8193B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8193B2 }
```

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

```
.background{ background-color:#8193B2 }
```

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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