

Converting Colors

Hex(6193C1)

Have a look what the booklet for
Hex(6193C1) contains.

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Color

Hex(6193C1)

Conversions

Conversions Part 1

Format	Color
Hex	6193C1
RGB	97, 147, 193
RGB Percent	38%, 58%, 76%
CMY	0.6196, 0.4235, 0.2431
CMYK	0.50, 0.24, 0.00, 0.24
HSL	209°, 44%, 57%
HSV	209°, 50%, 76%
XYZ	24.9891, 27.2591, 54.3965
YIQ	137.2940, -44.5660, 3.7060

Conversions

Conversions Part 2

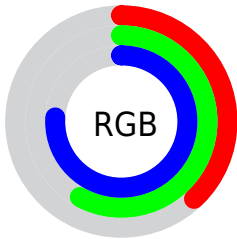
Format	Color
R _Y B	97, 130, 193
Decimal	6394817
CIE Lab	59.21, -3.88, -29.02
CIE LCh	59, 29.277, 262.379
Yxy	27.2591, 0.2343, 0.2556
Android (android.graphics.Color)	4284584897 (0xFF6193C1)
YUV	137.2940, 27.4631, -35.3378
Hunter-Lab	52.2102, -5.9333, -25.2256

Details

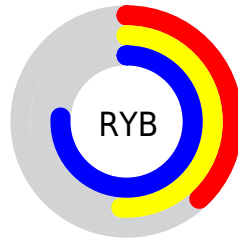
The Hex color **6193C1** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **C18F61**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **98C9FA**, and **27618B** is the 20% darker color. If you saturate the color by 10%, you get **4E8AC1**, and if you desaturate by 10%, it is **749CC1**.

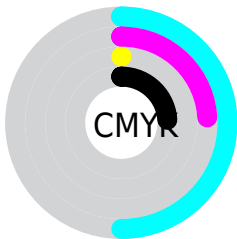
Distribution



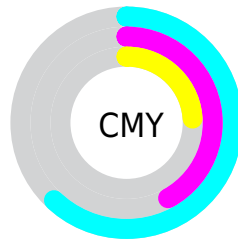
- Red (38%)
- Green (58%)
- Blue (76%)



- Red (38%)
- Yellow (51%)
- Blue (76%)



- Cyan (50%)
- Magenta (24%)
- Yellow (0%)
- Black (24%)



- Cyan (62%)
- Magenta (42%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6193C1 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 6193C1 by changing the saturation by 10% instead.

■ 6193C1

■ 6193C1

FFFFFF

■ 4579A6

■ 98C9FA

■ 27618B

■ B5E5FF

■ 004972

■ D1FFFF

■ 003359

■ EFFFFFF

■ 001E41

■ 00032B

■ 000115

■ 000000

■ 6193C1

■ 6193C1

■ 4E8AC1

■ 749CC1

■ 3A81C1

■ 88A5C1

■ 2777C1

■ 9BAFC1

■ 146EC1

■ AEB8C1

■ 0065C1

■ C2C1C1

■ D5CAC1

■ E8D4C1

■ FBDDC1

■ FFE6C1

Harmonies

Analogous

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



3D99B6



6193C1



898ABE

Triad

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



6193C1



C17C7C



6F996E

Complementary

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



6193C1



C18F61

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.



8C935E



6193C1



B98267

Square

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



6193C1



BC7C96



A68B5C



509C87

Rectangle

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



6193C1



9F84B5



A68B5C



799768

Sweetspot

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



6193C1



D4E8FA



61C18E



66727D



FCFCFC



7D7D7D

Same Dimension

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



6193C1



64B2FA



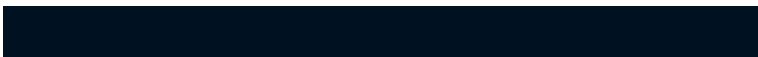
6164C1



575C61



0054A1



001121

Inverse Universe

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



C16193



FA64B2



C1BE61



61575C



A10054



210011

Previews

White Background



This preview shows how the Hex color 6193C1 looks on a white background.

Color Contrast Check

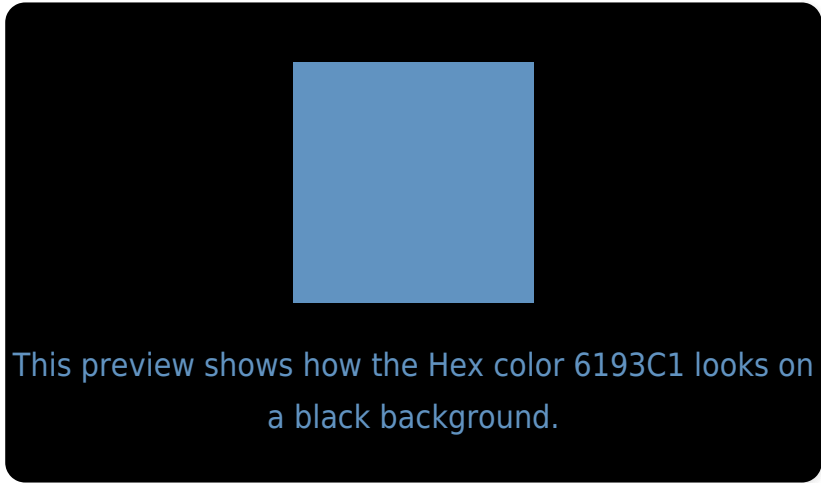
Large Text (above 18pt) WCAG AA ✓ Pass

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

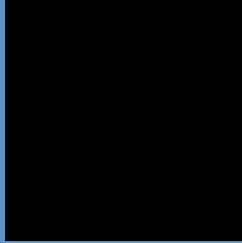
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

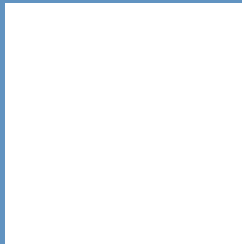
Any Text WCAG AAA × Fail

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

Hex 6193C1 Background



This preview shows how black text looks on a background with the Hex color 6193C1.

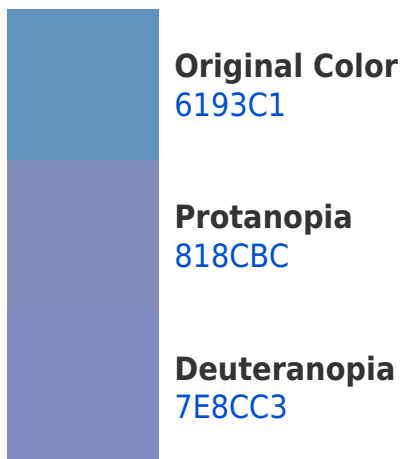


This preview shows how white text looks on a background with the Hex color 6193C1.

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](#).

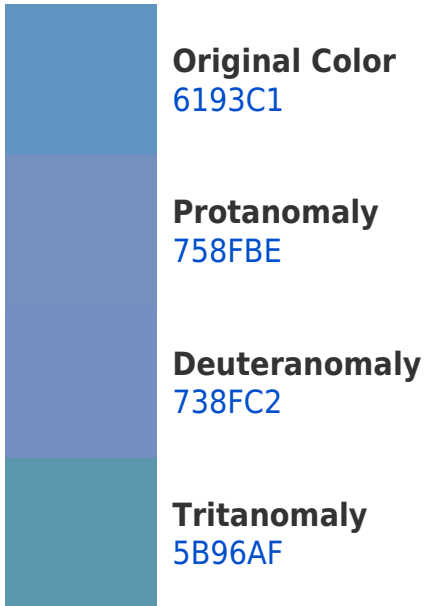
Dichromacy



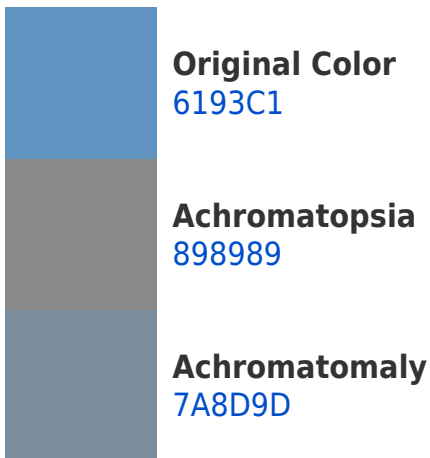


Tritanopia
5898A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6193C1 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 #6193C1 looks like.

```
.text, #text, p{  
    color:#6193C1  
}
```

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 #6193C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6193C1
}
```

Border

The CSS property to change the border of an element to Hex 6193C1 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
#6193C1 }
```

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

```
.border{ border-color:#6193C1 }
```

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

Here you see how a box with a 4 pixel #6193C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6193C1; -webkit-box-shadow:4px 4px  
4px 4px #6193C1; box-shadow:4px 4px 4px  
4px #6193C1 }
```

Background

The CSS property to change the background color of an element to Hex 6193C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6193C1 }
```

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

```
.background{ background-color:#6193C1 }
```

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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