

Converting Colors

Hex(6196C7)

Have a look what the booklet for
Hex(6196C7) contains.

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Color

Hex(6196C7)

Conversions

Conversions Part 1

Format	Color
Hex	6196C7
RGB	97, 150, 199
RGB Percent	38%, 59%, 78%
CMY	0.6196, 0.4118, 0.2196
CMYK	0.51, 0.25, 0.00, 0.22
HSL	209°, 48%, 58%
HSV	209°, 51%, 78%
XYZ	26.1449, 28.4776, 58.1516
YIQ	139.7390, -47.3170, 4.0030

Conversions

Conversions Part 2

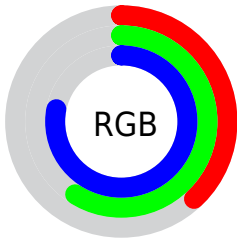
Format	Color
R_{YB}	97, 132, 199
Decimal	6395591
CIE _{Lab}	60.32, -3.78, -30.68
CIE _{LCh}	60, 30.917, 262.979
Yxy	28.4776, 0.2318, 0.2525
Android (android.graphics.Color)	4284585671 (0xFF6196C7)
YUV	139.7390, 29.2157, -37.4821
Hunter-Lab	53.3644, -5.9349, -27.2536

Details

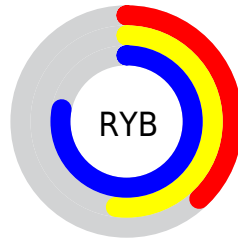
The Hex color **6196C7** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **C79261**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **99CCFF**, and **256391** is the 20% darker color. If you saturate the color by 10%, you get **4D8CC7**, and if you desaturate by 10%, it is **75A0C7**.

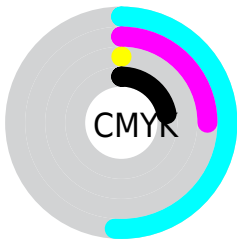
Distribution



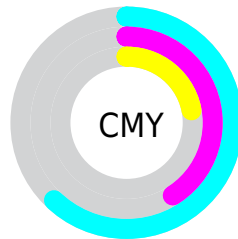
- Red (38%)
- Green (59%)
- Blue (78%)



- Red (38%)
- Yellow (52%)
- Blue (78%)



- Cyan (51%)
- Magenta (25%)
- Yellow (0%)
- Black (22%)



- Cyan (62%)
- Magenta (41%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6196C7 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 6196C7 by changing the saturation by 10% instead.

■ 6196C7

■ 6196C7

FFFFFF

■ 457CAC

■ 99CCFF

■ 256391

■ B5E8FF

■ 004C77

■ D2FFFF

■ 00355E

■ F0FFFF

■ 002046

■ 000630

■ 00011A

■ 000000

■ 6196C7

■ 6196C7

■ 4D8CC7

■ 75A0C7

■ 3983C7

■ 89A9C7

■ 2579C7

■ 9DB3C7

■ 1170C7

■ B1BCC7

■ 0067C7

■ C5C6C7

■ D8CFC7

■ ECD9C7

■ FFE2C7

■ FFECC7

Harmonies

Analogous

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



389DBC



6196C7



8C8DC3

Triad

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



6196C7



C77E7D



6F9C70

Complementary

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



6196C7



C79261

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.



8E965E



6196C7



BE8467

Square

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



6196C7



C27D99



AA8E5B



4DA08A

Rectangle

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



6196C7



A486B9



AA8E5B



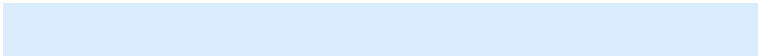
7A9B69

Sweetspot

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



6196C7



D9EDFF



61C791



697480



000000



808080

Same Dimension

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



6196C7



61B3FF



6164C7



5A5F63



0055A3



001324

Inverse Universe

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



C76196



FF61B3



C7C461



635A5F



A30055



240013

Previews

White Background



This preview shows how the Hex color 6196C7 looks on a white background.

Color Contrast Check

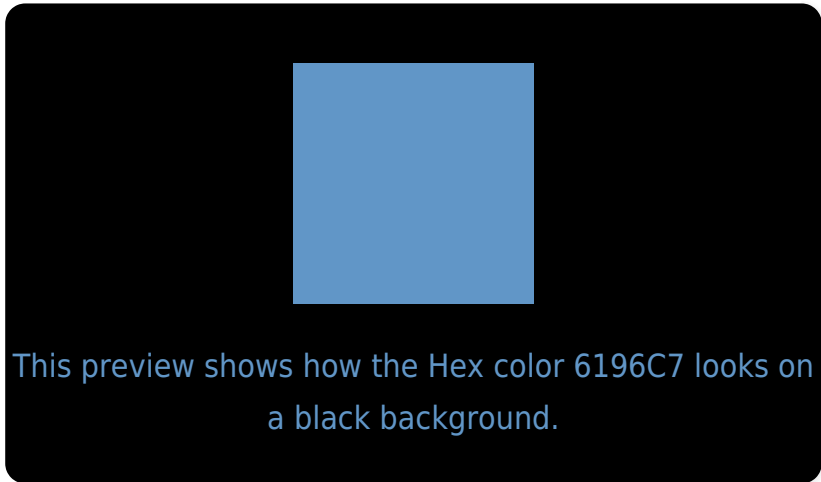
Large Text (above 18pt) WCAG AA ✓ Pass

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 6196C7 Background



This preview shows how black text looks on a background with the Hex color 6196C7.



This preview shows how white text looks on a background with the Hex color 6196C7.

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](#).

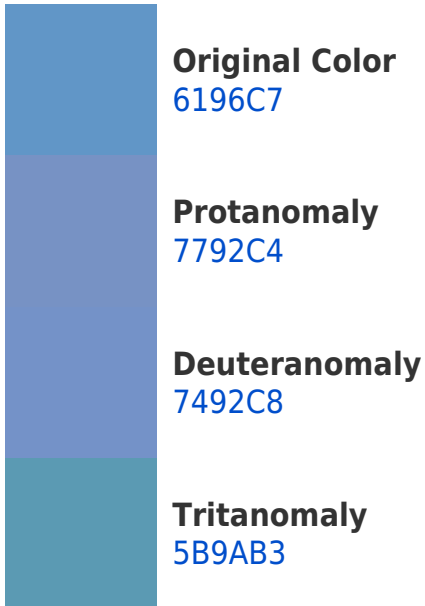
Dichromacy



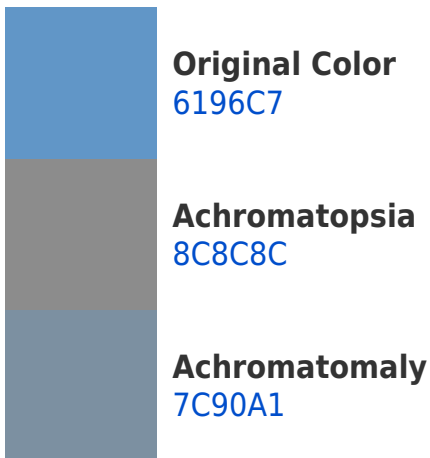


Tritanopia
579CA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6196C7 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 #6196C7 looks like.

```
.text, #text, p{  
    color:#6196C7  
}
```

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 #6196C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6196C7
}
```

Border

The CSS property to change the border of an element to Hex 6196C7 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
#6196C7 }
```

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

```
.border{ border-color:#6196C7 }
```

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

Here you see how a box with a 4 pixel #6196C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6196C7; -webkit-box-shadow:4px 4px  
4px 4px #6196C7; box-shadow:4px 4px 4px  
4px #6196C7 }
```

Background

The CSS property to change the background color of an element to Hex 6196C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6196C7 }
```

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

```
.background{ background-color:#6196C7 }
```

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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