

# Converting Colors

Hex(6198D5)

Have a look what the booklet for  
Hex(6198D5) contains.

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**Color**

**Hex(6198D5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6198D5
RGB	97, 152, 213
RGB Percent	38%, 60%, 84%
CMY	0.6196, 0.4039, 0.1647
CMYK	0.54, 0.29, 0.00, 0.16
HSL	212°, 58%, 61%
HSV	212°, 54%, 84%
XYZ	28.1682, 29.8020, 67.2185
YIQ	142.5090, -52.3610, 7.3110

# Conversions

## Conversions Part 2

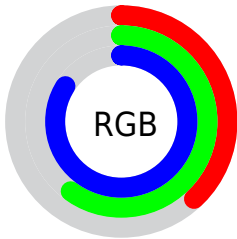
Format	Color
R <sub>Y</sub> B	97, 134, 213
Decimal	6396117
CIE Lab	61.48, -0.62, -36.71
CIE LCh	61, 36.711, 269.031
Yxy	29.8020, 0.2250, 0.2381
Android (android.graphics.Color)	4284586197 (0xFF6198D5)
YUV	142.5090, 34.7521, -39.9114
Hunter-Lab	54.5912, -3.4312, -34.7904

# Details

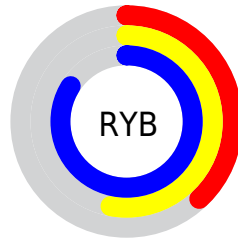
The Hex color **6198D5** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D59E61**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **9ACEFF**, and **21659E** is the 20% darker color. If you saturate the color by 10%, you get **4C8DD5**, and if you desaturate by 10%, it is **76A3D5**.

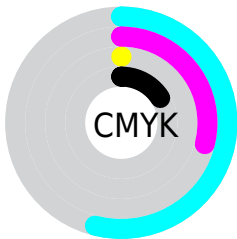
# Distribution



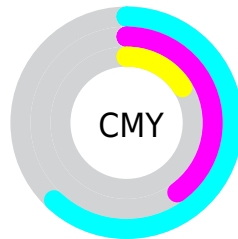
- Red (38%)
- Green (60%)
- Blue (84%)



- Red (38%)
- Yellow (53%)
- Blue (84%)



- Cyan (54%)
- Magenta (29%)
- Yellow (0%)
- Black (16%)



- Cyan (62%)
- Magenta (40%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6198D5 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 6198D5 by changing the saturation by 10% instead.



■ 6198D5

■ 6198D5

FFFFFF

■ 437EB9

■ 9ACEFF

■ 21659E

■ B7EAFF

■ 004E84

■ D4FFFF

■ 00376A

■ F2FFFF

■ 002252

■ 000B3A

■ 000224

■ 00000C

■ 000000

■ 6198D5

■ 6198D5

■ 4C8DD5

■ 76A3D5

■ 3682D5

■ 8CAED5

■ 2176D5

■ A1BAD5

■ 0C6BD5

■ B6C5D5

■ 0065D5

■ CBD0D5

■ E1DBD5

■ F6E6D5

■ FFF2D5

■ FFFDD5

# Harmonies

## Analogous

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



15A1CB



6198D5



968CCD

# Triad

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



6198D5



D27D77



62A272

# Complementary

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



6198D5



D59E61

# 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.



899C5A



6198D5



C4875E

# Square

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



6198D5



D07B97



AA9253



30A592

# Rectangle

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



6198D5



B184BF



AA9253



70A169

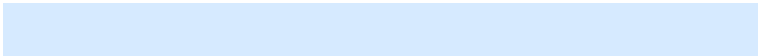


# Sweetspot

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



6198D5



D6EAFB



61D59D



677380



000000



808080



# Same Dimension

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



6198D5



59A8FF



6361D5



60656B



0051AB



00152B



# Inverse Universe

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



D56198



FF59A8



D3D561



6B6065



AB0051



2B0015



# Previews

## White Background



This preview shows how the Hex color 6198D5 looks on a white background.

## Color Contrast Check

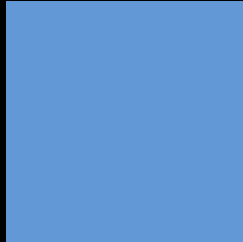
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 6198D5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

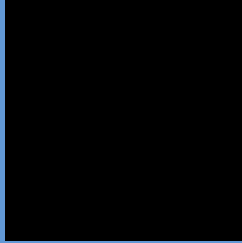
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6198D5 Background



This preview shows how black text looks on a background with the Hex color 6198D5.

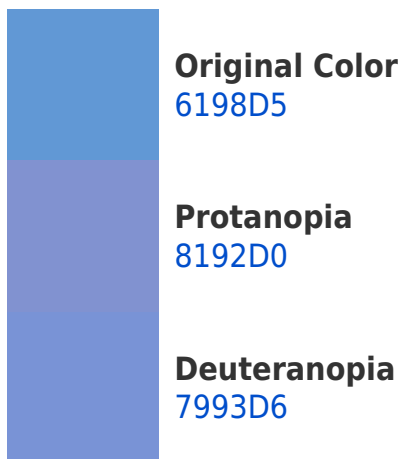


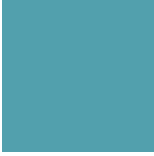
This preview shows how white text looks on a background with the Hex color 6198D5.

# 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](#).

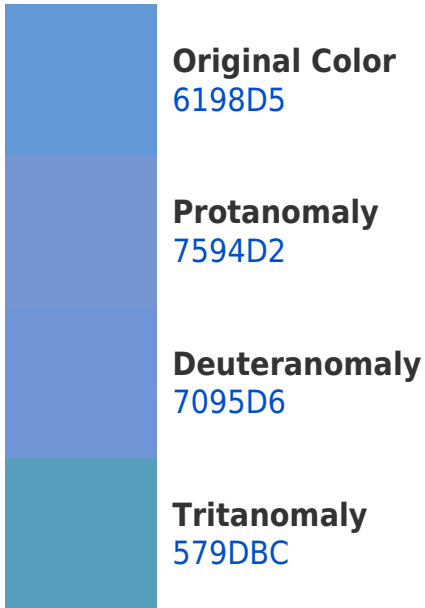
## Dichromacy



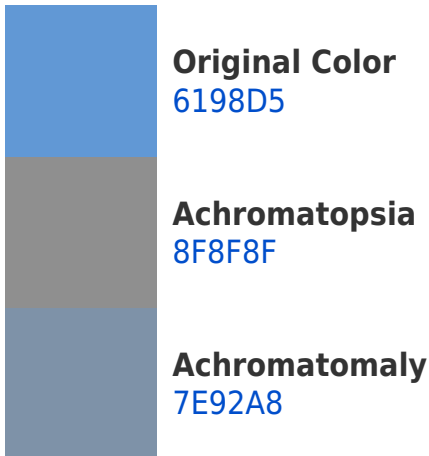


**Tritanopia**  
52A0AD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6198D5 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 #6198D5 looks like.

```
.text, #text, p{  
    color:#6198D5  
}
```

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 #6198D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6198D5
}
```

## Border

The CSS property to change the border of an element to Hex 6198D5 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
#6198D5 }
```

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

```
.border{ border-color:#6198D5 }
```

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

Here you see how a box with a 4 pixel #6198D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6198D5; -webkit-box-shadow:4px 4px  
4px 4px #6198D5; box-shadow:4px 4px 4px  
4px #6198D5 }
```

# Background

The CSS property to change the background color of an element to Hex 6198D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6198D5 }
```

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

```
.background{ background-color:#6198D5 }
```

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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