

# Converting Colors

Hex(6098DE)

Have a look what the booklet for  
Hex(6098DE) contains.

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# **Color**

**Hex(6098DE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6098DE
RGB	96, 152, 222
RGB Percent	38%, 60%, 87%
CMY	0.6235, 0.4039, 0.1294
CMYK	0.57, 0.32, 0.00, 0.13
HSL	213°, 66%, 62%
HSV	213°, 57%, 87%
XYZ	29.2369, 30.2172, 73.3988
YIQ	143.2360, -55.8460, 9.8980

# Conversions

## Conversions Part 2

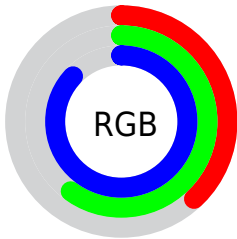
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	96, 135, 222
Decimal	6330590
CIE <sub>Lab</sub>	61.84, 2.00, -41.15
CIE <sub>LCh</sub>	62, 41.203, 272.781
Yxy	30.2172, 0.2201, 0.2274
Android (android.graphics.Color)	4284520670 (0xFF6098DE)
YUV	143.2360, 38.8307, -41.4260
Hunter-Lab	54.9702, -1.2592, -40.6877

# Details

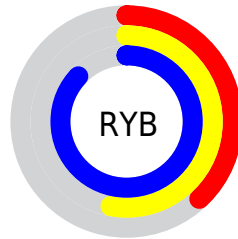
The Hex color **6098DE** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **DEA660**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **9ACEFF**, and **1B65A6** is the 20% darker color. If you saturate the color by 10%, you get **4A8CDE**, and if you desaturate by 10%, it is **76A4DE**.

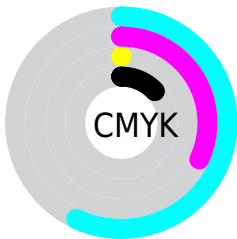
# Distribution



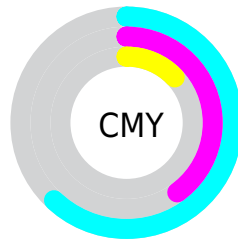
- Red (38%)
- Green (60%)
- Blue (87%)



- Red (38%)
- Yellow (53%)
- Blue (87%)



- Cyan (57%)
- Magenta (32%)
- Yellow (0%)
- Black (13%)



- Cyan (62%)
- Magenta (40%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6098DE 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 6098DE by changing the saturation by 10% instead.



■ 6098DE

■ 6098DE

FFFFFF

■ 417EC2

■ 9ACEFF

■ 1B65A6

■ B8EAFF

■ 004E8C

■ D5FFFF

■ 003772

■ F3FFFF

■ 002359

■ 000C41

■ 00032A

■ 000115

■ 000000

■ 6098DE

■ 6098DE

■ 4A8CDE

■ 76A4DE

■ 347FDE

■ 8CB1DE

■ 1D73DE

■ A3BDDE

■ 0767DE

■ B9C9DE

■ 0063DE

■ CFD6DE

■ E5E2DE

■ FBEEDE

■ FFFBDE

■ FFFFDE

# Harmonies

## Analogous

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



00A2D6



6098DE



9D8BD3

# Triad

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



6098DE



D87C70



54A573

# Complementary

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



6098DE



DEA660

# 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.



839F56



6098DE



C78755

# Square

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



6098DE



D97793



A9944B



00A898

# Rectangle

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



6098DE



BA82C2



A9944B



65A468

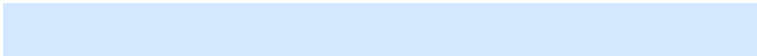


# Sweetspot

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



6098DE



D4E7FF



60DEA5



667180



000000



808080



# Same Dimension

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



6098DE



529FFF



6660DE



656A70



004EB0



001630



# Inverse Universe

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



DE6098



FF529F



D8DE60



70656A



B0004E

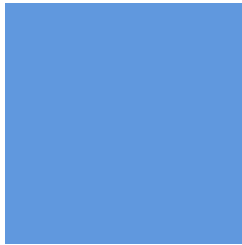


300016



# Previews

## White Background



This preview shows how the Hex color 6098DE looks on a white background.

## Color Contrast Check

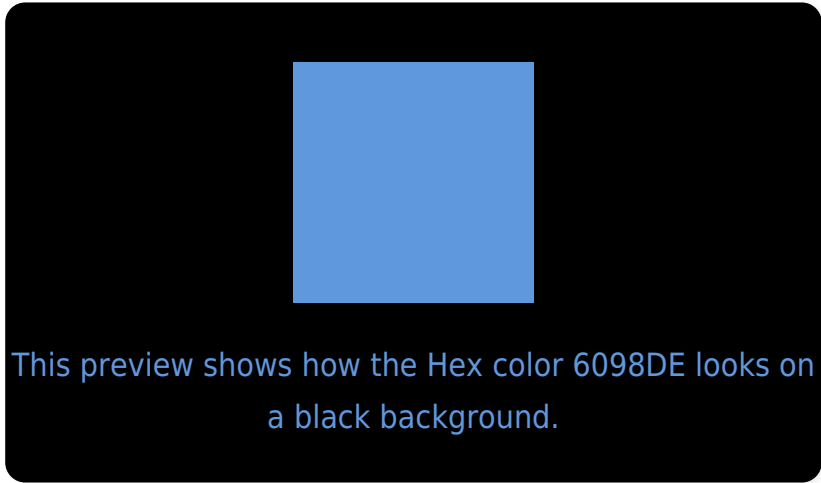
Large Text (above 18pt) WCAG AA × Fail

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

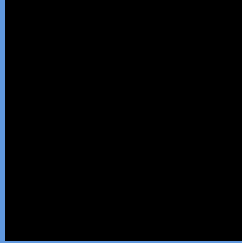
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

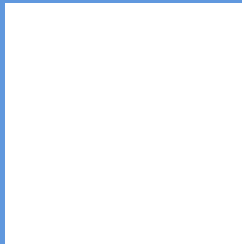
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6098DE Background



This preview shows how black text looks on a background with the Hex color 6098DE.

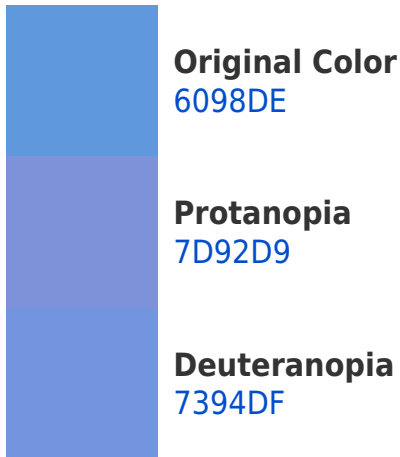


This preview shows how white text looks on a background with the Hex color 6098DE.

# Color Blindness Simulation

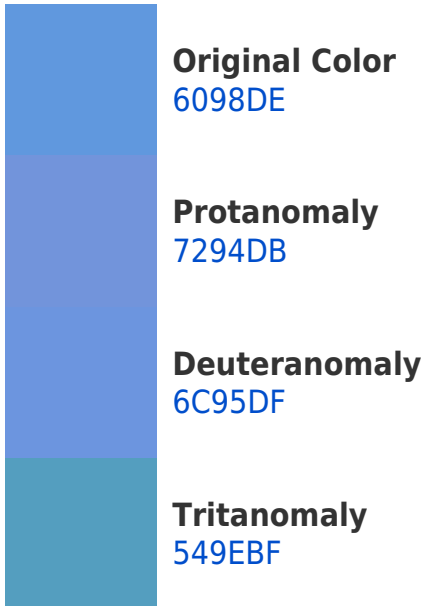
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

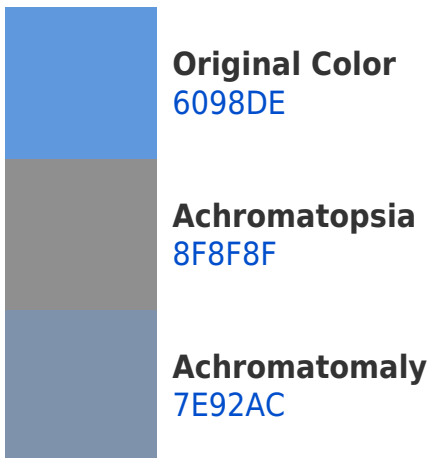




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6098DE 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 #6098DE looks like.

```
.text, #text, p{  
    color:#6098DE  
}
```

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 #6098DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6098DE
}
```

## Border

The CSS property to change the border of an element to Hex 6098DE 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
#6098DE }
```

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

```
.border{ border-color:#6098DE }
```

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

Here you see how a box with a 4 pixel #6098DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6098DE; -webkit-box-shadow:4px 4px  
4px 4px #6098DE; box-shadow:4px 4px 4px  
4px #6098DE }
```

# Background

The CSS property to change the background color of an element to Hex 6098DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6098DE }
```

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

```
.background{ background-color:#6098DE }
```

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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