

# Converting Colors

Hex(6D90D7)

Have a look what the booklet for  
Hex(6D90D7) contains.

|  |    |
|--|----|
| <b>Hex(6D90D7)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# **Color**

**Hex(6D90D7)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 6D90D7                      |
| RGB         | 109, 144, 215               |
| RGB Percent | 43%, 56%, 84%               |
| CMY         | 0.5725, 0.4353, 0.1569      |
| CMYK        | 0.49, 0.33, 0.00, 0.16      |
| HSL         | 220°, 57%, 64%              |
| HSV         | 220°, 49%, 84%              |
| XYZ         | 28.5457, 28.1040, 68.2101   |
| YIQ         | 141.6290, -43.6510, 14.6610 |

# Conversions

## Conversions Part 2

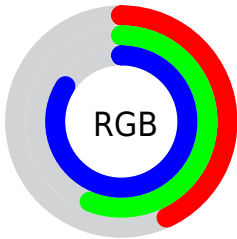
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| R <sub>YB</sub>                     | 109, 135, 215                  |
| Decimal                             | 7180503                        |
| CIE Lab                             | 59.98, 7.33, -40.13            |
| CIE LCh                             | 60, 40.789, 280.351            |
| Yxy                                 | 28.1040, 0.2286,<br>0.2251     |
| Android<br>(android.graphics.Color) | 4285370583<br>(0xFF6D90D7)     |
| YUV                                 | 141.6290, 36.1719,<br>-28.6156 |
| Hunter-Lab                          | 53.0132, 3.3425,<br>-39.1769   |

# Details

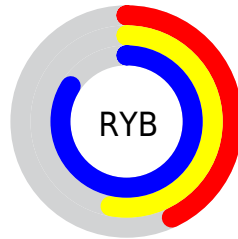
The Hex color **6D90D7** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D7B46D**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **A5C6FF**, and **335EA0** is the 20% darker color. If you saturate the color by 10%, you get **5782D7**, and if you desaturate by 10%, it is **839ED7**.

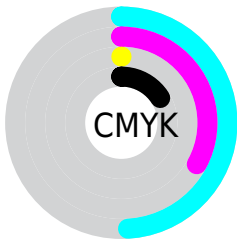
# Distribution



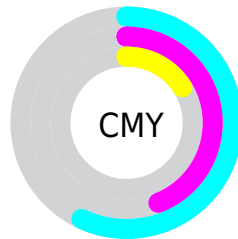
- Red (43%)
- Green (56%)
- Blue (84%)



- Red (43%)
- Yellow (53%)
- Blue (84%)



- Cyan (49%)
- Magenta (33%)
- Yellow (0%)
- Black (16%)



- Cyan (57%)
- Magenta (44%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D90D7 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 6D90D7 by changing the saturation by 10% instead.



■ 6D90D7

■ 6D90D7

FFFFFF

■ 5177BB

■ A5C6FF

■ 335EA0

■ C2E1FF

■ 094785

■ DFFEFF

■ 00316C

FDFFFF

■ 001D53

■ 00003C

■ 000225

■ 00010D

■ 000000

■ 6D90D7

■ 6D90D7

■ 5782D7

■ 839ED7

■ 4273D7

■ 98ADD7

■ 2D65D7

■ AEBBD7

■ 1756D7

■ C3CAD7

■ 0148D7

■ D9D8D7

■ 0047D7

■ EEE6D7

■ FFF5D7

■ FFFFD7

# Harmonies

## Analogous

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



009BD4



6D90D7



A482C7

# Triad

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



6D90D7



CF7A64



42A177

# Complementary

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



6D90D7



D7B46D

# 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.



739C58



6D90D7



BA864D

# Square

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



6D90D7



D57385



9B9248



00A39C

# Rectangle

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



6D90D7



BD7AB5



9B9248



54A06C



# Sweetspot

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



6D90D7



D9E5FF



6DD7B4



697080



000000



808080



# Same Dimension

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



6D90D7



699AFF



7F6DD7



60646B



0038AB



000E2B



# Inverse Universe

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



D76D90



FF699A



C5D76D



6B6064



AB0038

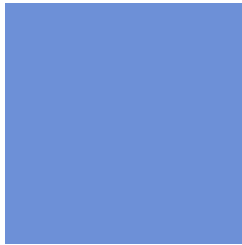


2B000E



# Previews

## White Background



This preview shows how the Hex color 6D90D7 looks on a white background.

## Color Contrast Check

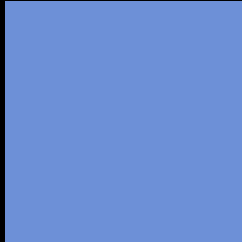
Large Text (above 18pt) WCAG AA ✓ Pass

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 6D90D7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

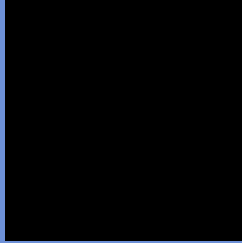
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6D90D7 Background



This preview shows how black text looks on a background with the Hex color 6D90D7.



This preview shows how white text looks on a background with the Hex color 6D90D7.

# 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](#).

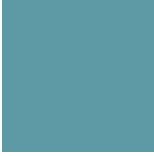
## Dichromacy



**Original Color**  
6D90D7

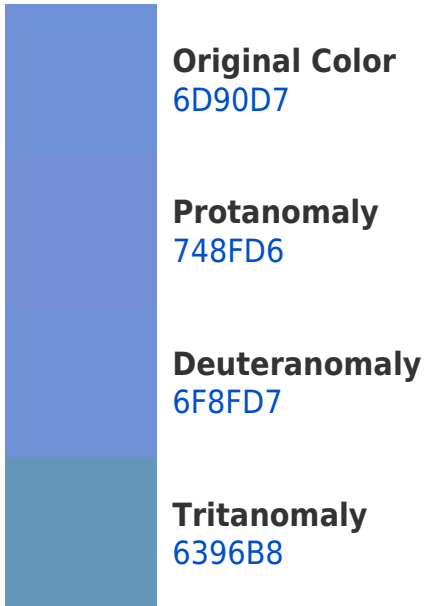
**Protanopia**  
788ED5

**Deuteranopia**  
708FD7



**Tritanopia**  
5E9AA6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D90D7 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 #6D90D7 looks like.

```
.text, #text, p{  
    color:#6D90D7  
}
```

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 #6D90D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D90D7
}
```

## Border

The CSS property to change the border of an element to Hex 6D90D7 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
#6D90D7 }
```

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

```
.border{ border-color:#6D90D7 }
```

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

Here you see how a box with a 4 pixel #6D90D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D90D7; -webkit-box-shadow:4px 4px  
4px 4px #6D90D7; box-shadow:4px 4px 4px  
4px #6D90D7 }
```

# Background

The CSS property to change the background color of an element to Hex 6D90D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D90D7 }
```

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

```
.background{ background-color:#6D90D7 }
```

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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