

# Converting Colors

Hex(6391C6)

Have a look what the booklet for  
Hex(6391C6) contains.

<b>Hex(6391C6)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(6391C6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6391C6
RGB	99, 145, 198
RGB Percent	39%, 57%, 78%
CMY	0.6118, 0.4314, 0.2235
CMYK	0.50, 0.27, 0.00, 0.22
HSL	212°, 46%, 58%
HSV	212°, 50%, 78%
XYZ	25.4640, 26.9807, 57.2918
YIQ	137.2880, -44.4290, 6.7310

# Conversions

## Conversions Part 2

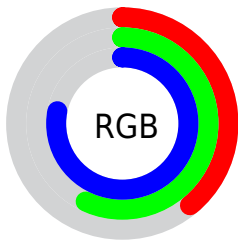
Format	Color
R <sub>Y</sub> B	99, 130, 198
Decimal	6525382
CIE Lab	58.96, -0.76, -32.23
CIE LCh	59, 32.237, 268.651
Yxy	26.9807, 0.2320, 0.2459
Android (android.graphics.Color)	4284715462 (0xFF6391C6)
YUV	137.2880, 29.9310, -33.5786
Hunter-Lab	51.9429, -3.3939, -29.0354

# Details

The Hex color **6391C6** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **C69863**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **9BC7FF**, and **295F90** is the 20% darker color. If you saturate the color by 10%, you get **4F86C6**, and if you desaturate by 10%, it is **779CC6**.

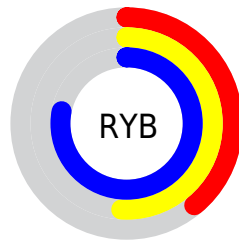
# Distribution



Red (39%)

Green (57%)

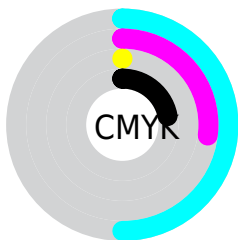
Blue (78%)



Red (39%)

Yellow (51%)

Blue (78%)

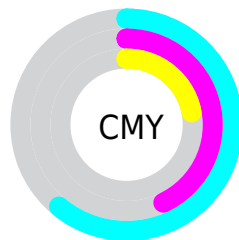


Cyan (50%)

Magenta (27%)

Yellow (0%)

Black (22%)



Cyan (61%)

Magenta (43%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6391C6 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 6391C6 by changing the saturation by 10% instead.



■ 6391C6

■ 6391C6

FFFFFF

■ 4777AB

■ 9BC7FF

■ 295F90

■ B7E3FF

■ 004776

■ D4FFFF

■ 00315D

■ F1FFFF

■ 001D45

■ 00042F

■ 000119

■ 000000

■ 6391C6

■ 6391C6

■ 4F86C6

■ 779CC6

■ 3B7CC6

■ 8BA6C6

■ 2871C6

■ 9EB1C6

■ 1467C6

■ B2BBC6

■ 005CC6

■ C6C6C6

■ DAD1C6

■ EEDBC6

■ FFE6C6

■ FFF0C6

# Harmonies

## Analogous

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



3298BD



6391C6



8F87BF

# Triad

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



6391C6



C47A74



639A70

# Complementary

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



6391C6



C69863

# 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.



85945B



6391C6



B8825E

# Square

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



6391C6



C27890



A28C55



3E9D8C

# Rectangle

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



6391C6



A780B3



A28C55



6F9968



# Sweetspot

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



6391C6



D9EBFF



63C698



697380



000000



808080

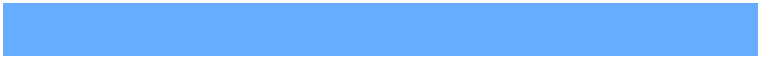


# Same Dimension

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



6391C6



66ADFF



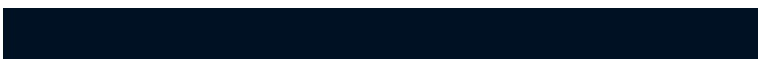
6663C6



5A5E63



004CA3



001124



# Inverse Universe

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



C66391



FF66AD



C3C663



635A5E



A3004C

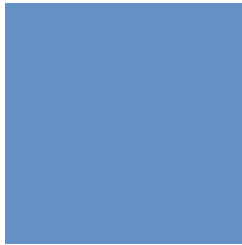


240011



# Previews

## White Background



This preview shows how the Hex color 6391C6 looks on a white background.

## Color Contrast Check

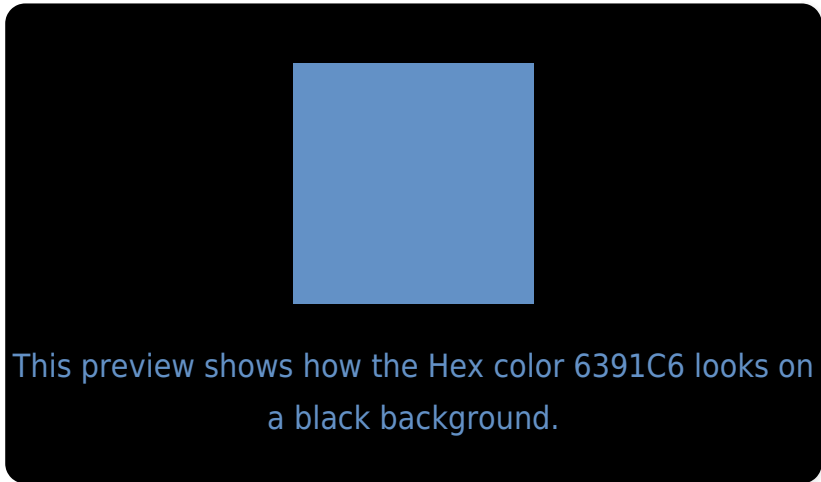
Large Text (above 18pt) WCAG AA ✓ Pass

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

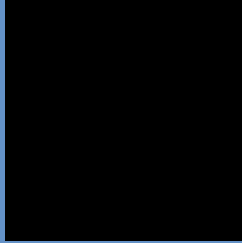
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

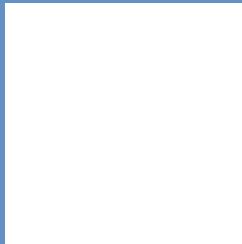
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6391C6 Background



This preview shows how black text looks on a background with the Hex color 6391C6.

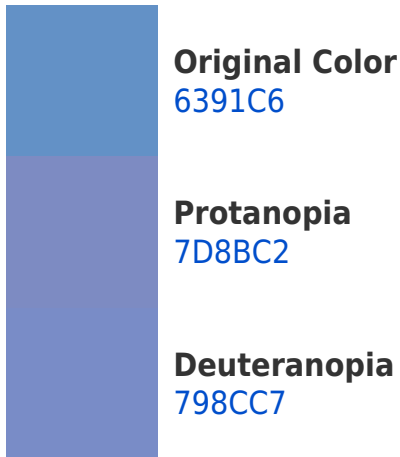


This preview shows how white text looks on a background with the Hex color 6391C6.

# 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](#).

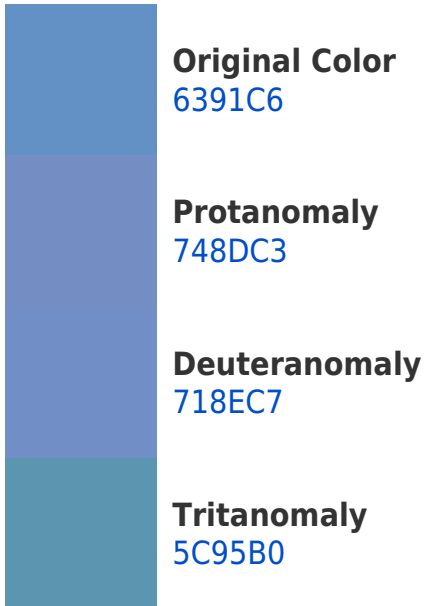
## Dichromacy



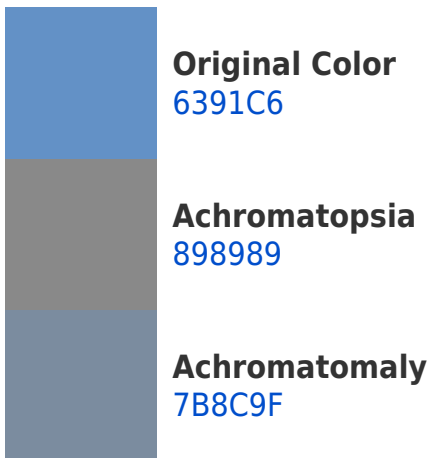


**Tritanopia**  
5897A4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6391C6 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 #6391C6 looks like.

```
.text, #text, p{  
    color:#6391C6  
}
```

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 #6391C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6391C6
}
```

## Border

The CSS property to change the border of an element to Hex 6391C6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

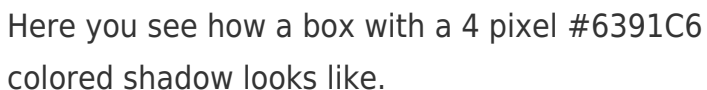
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6391C6 }
```

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

```
.border{ border-color:#6391C6 }
```

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



Here you see how a box with a 4 pixel #6391C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6391C6; -webkit-box-shadow:4px 4px  
4px 4px #6391C6; box-shadow:4px 4px 4px  
4px #6391C6 }
```

# Background

The CSS property to change the background color of an element to Hex 6391C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6391C6 }
```

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

```
.background{ background-color:#6391C6 }
```

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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