

Converting Colors

Hex(6495C6)

Have a look what the booklet for
Hex(6495C6) contains.

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Color

Hex(6495C6)

Conversions

Conversions Part 1

Format	Color
Hex	6495C6
RGB	100, 149, 198
RGB Percent	39%, 58%, 78%
CMY	0.6078, 0.4157, 0.2235
CMYK	0.49, 0.25, 0.00, 0.22
HSL	210°, 46%, 58%
HSV	210°, 49%, 78%
XYZ	26.1960, 28.2814, 57.5043
YIQ	139.9350, -44.9330, 4.8510

Conversions

Conversions Part 2

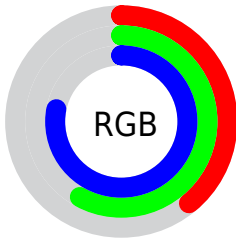
Format	Color
RYB	100, 133, 198
Decimal	6591942
CIELab	60.14, -2.81, -30.38
CIELCh	60, 30.513, 264.715
Yxy	28.2814, 0.2339, 0.2526
Android (android.graphics.Color)	4284782022 (0xFF6495C6)
YUV	139.9350, 28.6260, -35.0230
Hunter-Lab	53.1803, -5.1384, -26.8845

Details

The Hex color **6495C6** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **C69564**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **9CCBFF**, and **2A6390** is the 20% darker color. If you saturate the color by 10%, you get **508BC6**, and if you desaturate by 10%, it is **789FC6**.

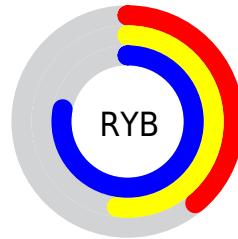
Distribution



Red (39%)

Green (58%)

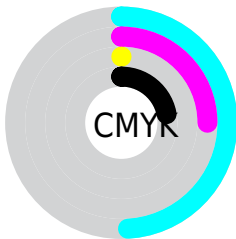
Blue (78%)



Red (39%)

Yellow (52%)

Blue (78%)

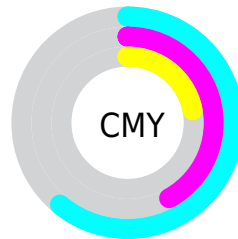


Cyan (49%)

Magenta (25%)

Yellow (0%)

Black (22%)



Cyan (61%)

Magenta (42%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6495C6 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 6495C6 by changing the saturation by 10% instead.

■ 6495C6

■ 6495C6

FFFFFF

■ 487BAB

■ 9CCBFF

■ 2A6390

■ B8E7FF

■ 004B76

■ D5FFFF

■ 00345D

■ F2FFFF

■ 002045

■ 00052F

■ 000119

■ 000000

■ 6495C6

■ 6495C6

■ 508BC6

■ 789FC6

■ 3C81C6

■ 8CA9C6

■ 2977C6

■ 9FB3C6

■ 156DC6

■ B3BDC6

■ 0164C6

■ C7C7C6

■ 0063C6

■ DBD0C6

■ EFDAC6

■ FFE4C6

■ FFEEC6

Harmonies

Analogous

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



3C9CBC



6495C6



8E8CC2

Triad

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



6495C6



C67E7C



6D9C71

Complementary

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



6495C6



C69564

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.



8C965F



6495C6



BC8466

Square

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



6495C6



C27D97



A88E5B



4C9F8B

Rectangle

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



6495C6



A585B7



A88E5B



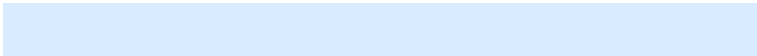
789A6A

Sweetspot

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



6495C6



D9ECFF



64C695



697480



000000



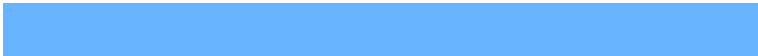
808080

Same Dimension

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



6495C6



69B4FF



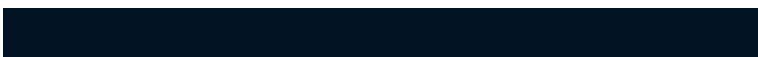
6464C6



5A5E63



0052A3



001224

Inverse Universe

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



C66495



FF69B4



C6C664



635A5E



A30052



240012

Previews

White Background



This preview shows how the Hex color 6495C6 looks on a white background.

Color Contrast Check

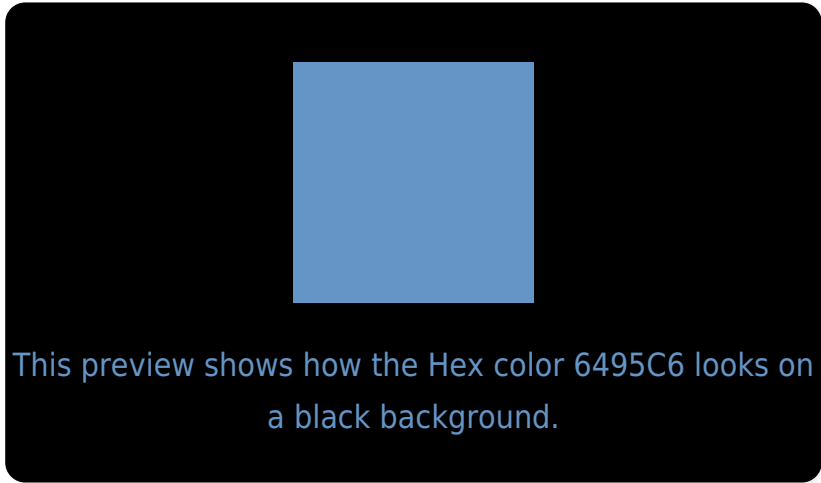
Large Text (above 18pt) WCAG AA ✓ Pass

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

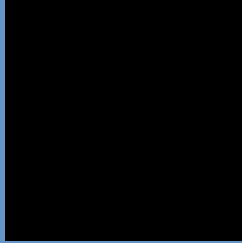
Any Text WCAG AA ✓ Pass

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 6495C6 Background



This preview shows how black text looks on a background with the Hex color 6495C6.

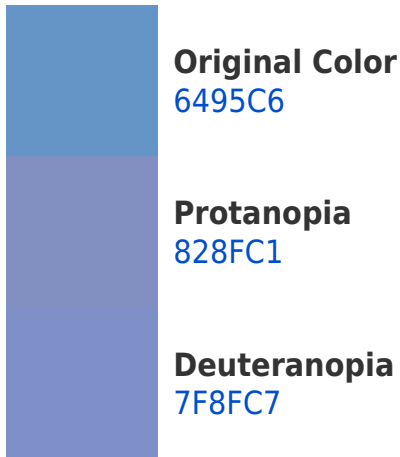


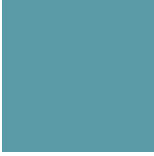
This preview shows how white text looks on a background with the Hex color 6495C6.

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](#).

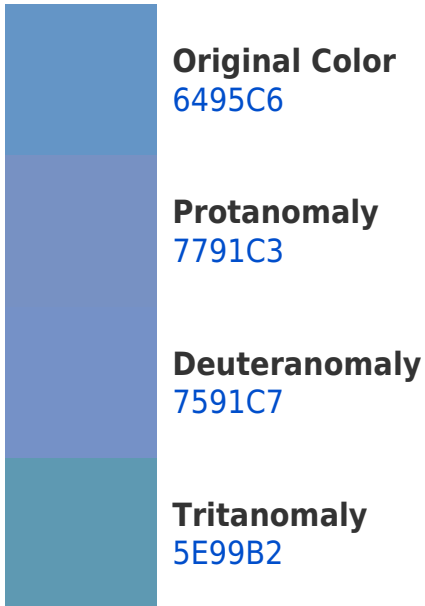
Dichromacy



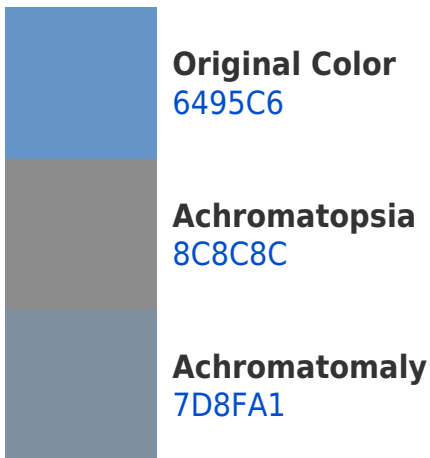


Tritanopia
5A9BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6495C6 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 #6495C6 looks like.

```
.text, #text, p{  
    color:#6495C6  
}
```

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 #6495C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6495C6
}
```

Border

The CSS property to change the border of an element to Hex 6495C6 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
#6495C6 }
```

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

```
.border{ border-color:#6495C6 }
```

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

Here you see how a box with a 4 pixel #6495C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6495C6; -webkit-box-shadow:4px 4px  
4px 4px #6495C6; box-shadow:4px 4px 4px  
4px #6495C6 }
```

Background

The CSS property to change the background color of an element to Hex 6495C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6495C6 }
```

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

```
.background{ background-color:#6495C6 }
```

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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