

Converting Colors

Hex(6E93B7)

Have a look what the booklet for
Hex(6E93B7) contains.

Hex(6E93B7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6E93B7)

Conversions

Conversions Part 1

Format	Color
Hex	6E93B7
RGB	110, 147, 183
RGB Percent	43%, 58%, 72%
CMY	0.5686, 0.4235, 0.2824
CMYK	0.40, 0.20, 0.00, 0.28
HSL	210°, 34%, 57%
HSV	210°, 40%, 72%
XYZ	25.4114, 27.6013, 48.7880
YIQ	140.0410, -33.6080, 3.3520

Conversions

Conversions Part 2

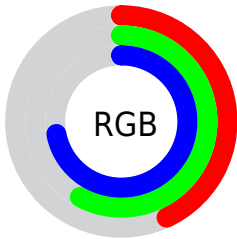
Format	Color
RYB	110, 135, 183
Decimal	7246775
CIELab	59.53, -3.44, -22.82
CIELCh	60, 23.082, 261.429
Yxy	27.6013, 0.2496, 0.2711
Android (android.graphics.Color)	4285436855 (0xFF6E93B7)
YUV	140.0410, 21.1788, -26.3460
Hunter-Lab	52.5370, -5.6018, -18.2833

Details

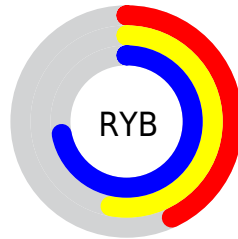
The Hex color **6E93B7** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **B7926E**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **A4C9EF**, and **3A6182** is the 20% darker color. If you saturate the color by 10%, you get **5C8AB7**, and if you desaturate by 10%, it is **809CB7**.

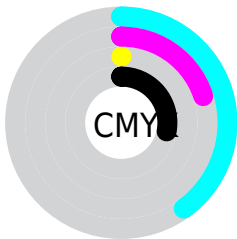
Distribution



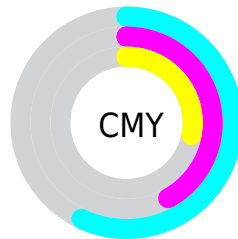
- Red (43%)
- Green (58%)
- Blue (72%)



- Red (43%)
- Yellow (53%)
- Blue (72%)



- Cyan (40%)
- Magenta (20%)
- Yellow (0%)
- Black (28%)



- Cyan (57%)
- Magenta (42%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6E93B7 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 6E93B7 by changing the saturation by 10% instead.



6E93B7



6E93B7

FFFFFF



54799C



A4C9EF



3A6182



C0E5FF



1E4969



DCFFFF



003350



FAFFFF



001E39



000224



00000C



000000



6E93B7



6E93B7

■ 5C8AB7

■ 809CB7

■ 4981B7

■ 93A5B7

■ 3778B7

■ A5AEB7

■ 256FB7

■ B7B7B7

■ 1366B7

■ CAC0B7

■ 005DB7

■ DCC9B7

■ EED2B7

■ FFDBB7

■ FFE4B7

Harmonies

Analogous

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



5898AE



6E93B7



8B8CB5

Triad

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



6E93B7



B98181



789876

Complementary

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



6E93B7



B7926E

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.



8F9369



6E93B7



B28570

Square

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



6E93B7



B48196



A48C67



629A89

Rectangle

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



6E93B7



9C87AE



A48C67



7F9670

Sweetspot

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



6E93B7



D1DFED



6EB791



677078



F7F7F7



787878

Same Dimension

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



6E93B7



7BB5ED



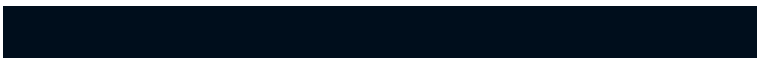
6E6FB7



53575C



004F9C



000E1C

Inverse Universe

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



B76E93



ED7BB5



B7B66E



5C5357



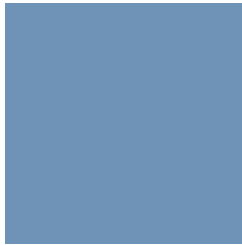
9C004F



1C000E

Previews

White Background



This preview shows how the Hex color 6E93B7 looks on a white background.

Color Contrast Check

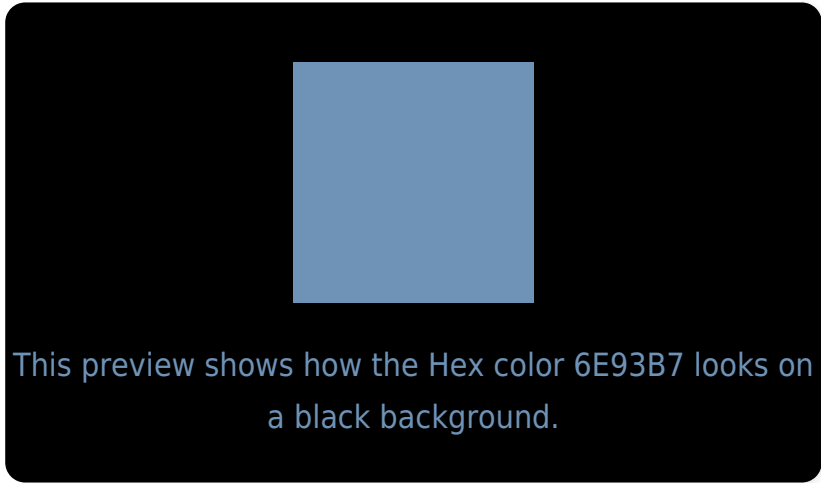
Large Text (above 18pt) WCAG AA ✓ Pass

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

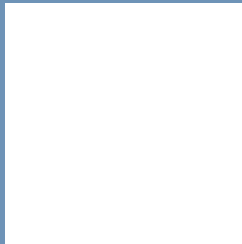
Any Text WCAG AAA × Fail

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

Hex 6E93B7 Background



This preview shows how black text looks on a background with the Hex color 6E93B7.

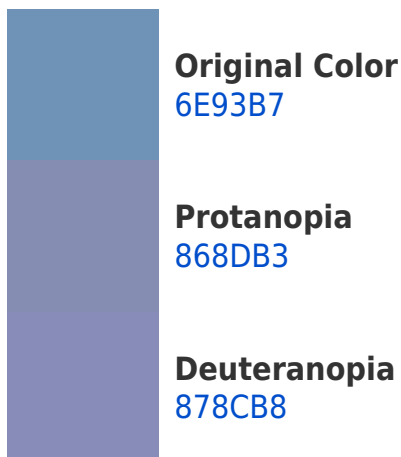


This preview shows how white text looks on a background with the Hex color 6E93B7.

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](#).

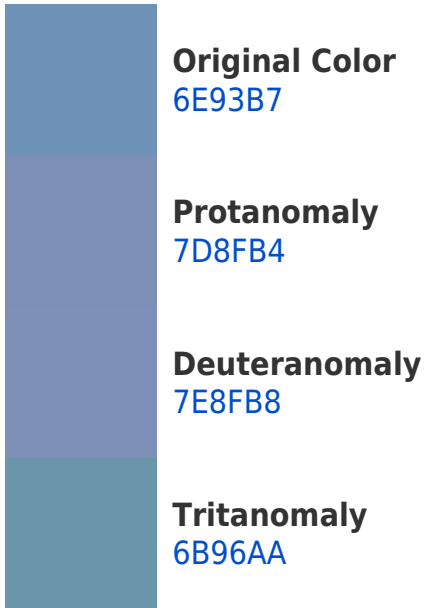
Dichromacy



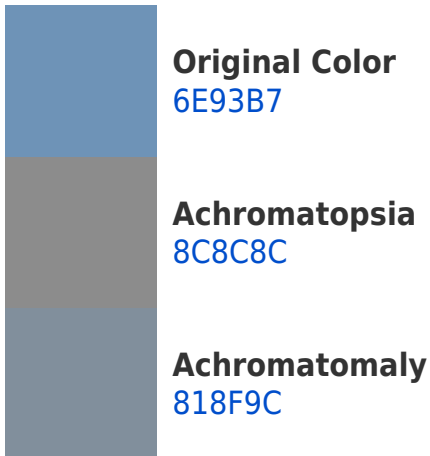


Tritanopia
6997A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6E93B7 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 #6E93B7 looks like.

```
.text, #text, p{  
    color:#6E93B7  
}
```

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 #6E93B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E93B7
}
```

Border

The CSS property to change the border of an element to Hex 6E93B7 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
#6E93B7 }
```

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

```
.border{ border-color:#6E93B7 }
```

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

Here you see how a box with a 4 pixel #6E93B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E93B7; -webkit-box-shadow:4px 4px  
4px 4px #6E93B7; box-shadow:4px 4px 4px  
4px #6E93B7 }
```

Background

The CSS property to change the background color of an element to Hex 6E93B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E93B7 }
```

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

```
.background{ background-color:#6E93B7 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor