

Converting Colors

Hex(6180A6)

Have a look what the booklet for
Hex(6180A6) contains.

Hex(6180A6)	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(6180A6)

Conversions

Conversions Part 1

Format	Color
Hex	6180A6
RGB	97, 128, 166
RGB Percent	38%, 50%, 65%
CMY	0.6196, 0.4980, 0.3490
CMYK	0.42, 0.23, 0.00, 0.35
HSL	213°, 28%, 52%
HSV	213°, 42%, 65%
XYZ	19.5319, 20.7329, 39.0488
YIQ	123.0630, -30.6740, 5.2460

Conversions

Conversions Part 2

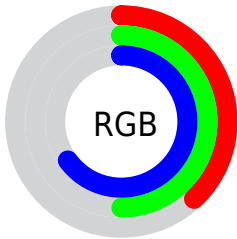
Format	Color
R_{YB}	97, 118, 166
Decimal	6389926
CIE _{Lab}	52.66, -0.87, -23.72
CIE _{LCh}	53, 23.739, 267.889
Yxy	20.7329, 0.2463, 0.2614
Android (android.graphics.Color)	4284580006 (0xFF6180A6)
YUV	123.0630, 21.1679, -22.8573
Hunter-Lab	45.5334, -3.1146, -18.9729

Details

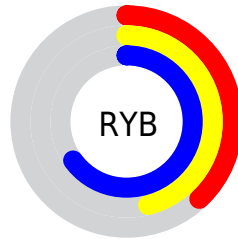
The Hex color **6180A6** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **A68761**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **96B5DD**, and **2D4F72** is the 20% darker color. If you saturate the color by 10%, you get **5077A6**, and if you desaturate by 10%, it is **7289A6**.

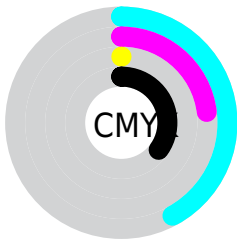
Distribution



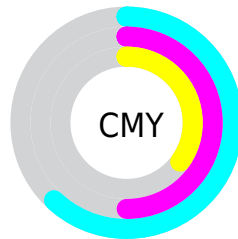
- Red (38%)
- Green (50%)
- Blue (65%)



- Red (38%)
- Yellow (46%)
- Blue (65%)



- Cyan (42%)
- Magenta (23%)
- Yellow (0%)
- Black (35%)



- Cyan (62%)
- Magenta (50%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6180A6 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 6180A6 by changing the saturation by 10% instead.

■ 6180A6

■ 6180A6

FFFFFF

■ 47678C

■ 96B5DD

■ 2D4F72

■ B2D0FA

■ 103859

■ CEECFF

■ 002342

■ EBFFFF

■ 000D2B

■ 000116

■ 000000

■ 6180A6

■ 6180A6

■ 5077A6

■ 7289A6

■ 406EA6

■ 8292A6

■ 2F65A6

■ 939BA6

■ 1F5BA6

■ A3A5A6

■ 0E52A6

■ B4AEA6

■ 004BA6

■ C5B7A6

■ D5C0A6

■ E6C9A6

■ F6D2A6

Harmonies

Analogous

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



4685A0



6180A6



7F79A2

Triad

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



6180A6



A6706C



608767

Complementary

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



6180A6



A68761

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.



788259



6180A6



9E755C

Square

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



6180A6



A46F80



8D7C55



4A897B

Rectangle

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



6180A6



8F7499



8D7C55



688562

Sweetspot

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



6180A6



BFCAD9



61A687



5E656E



EDEDED



6E6E6E

Same Dimension

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



6180A6



6C9DD9



6461A6



4C5054



004294



000914

Inverse Universe

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



A66180



D96C9D



A3A661



544C50



940042



140009

Previews

White Background



This preview shows how the Hex color 6180A6 looks on a white background.

Color Contrast Check

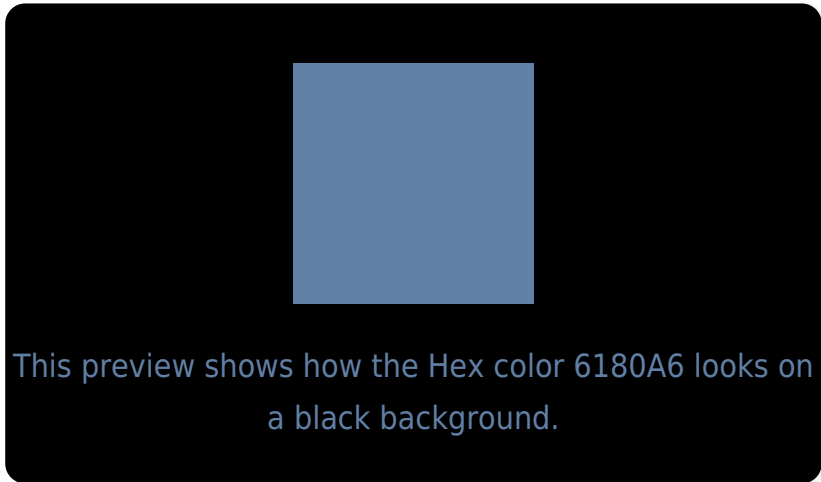
Large Text (above 18pt) WCAG AA ✓ Pass

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

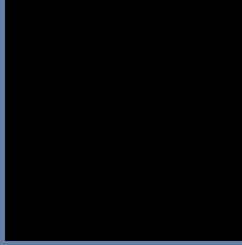
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

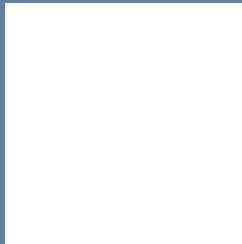
Any Text WCAG AAA × Fail

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

Hex 6180A6 Background



This preview shows how black text looks on a background with the Hex color 6180A6.



This preview shows how white text looks on a background with the Hex color 6180A6.

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
6180A6

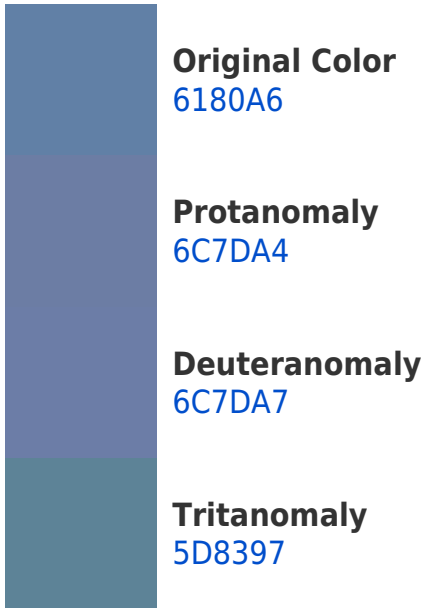
Protanopia
737CA3

Deuteranopia
727BA7

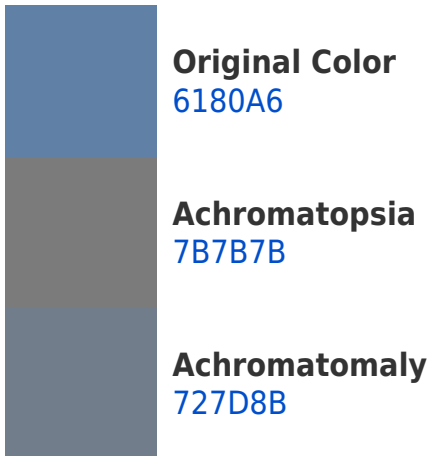


Tritanopia
5B848F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6180A6 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 #6180A6 looks like.

```
.text, #text, p{  
    color:#6180A6  
}
```

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 #6180A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6180A6
}
```

Border

The CSS property to change the border of an element to Hex 6180A6 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
#6180A6 }
```

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

```
.border{ border-color:#6180A6 }
```

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

Here you see how a box with a 4 pixel #6180A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6180A6; -webkit-box-shadow:4px 4px  
4px 4px #6180A6; box-shadow:4px 4px 4px  
4px #6180A6 }
```

Background

The CSS property to change the background color of an element to Hex 6180A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6180A6 }
```

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

```
.background{ background-color:#6180A6 }
```

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