

# Converting Colors

Hex(6188AB)

Have a look what the booklet for  
Hex(6188AB) contains.

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# Color

**Hex(6188AB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6188AB
RGB	97, 136, 171
RGB Percent	38%, 53%, 67%
CMY	0.6196, 0.4667, 0.3294
CMYK	0.43, 0.20, 0.00, 0.33
HSL	208°, 31%, 53%
HSV	208°, 43%, 67%
XYZ	21.0846, 23.0900, 41.8736
YIQ	128.3290, -34.4790, 2.6170

# Conversions

## Conversions Part 2

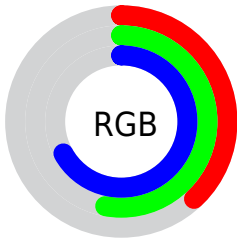
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 123, 171
Decimal	6391979
CIE <sub>Lab</sub>	55.16, -4.07, -22.74
CIE <sub>LCh</sub>	55, 23.105, 259.858
Yxy	23.0900, 0.2450, 0.2683
Android (android.graphics.Color)	4284582059 (0xFF6188AB)
YUV	128.3290, 21.0368, -27.4755
Hunter-Lab	48.0520, -5.7676, -18.0302

# Details

The Hex color **6188AB** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **AB8461**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **97BDE2**, and **2C5677** is the 20% darker color. If you saturate the color by 10%, you get **5080AB**, and if you desaturate by 10%, it is **7290AB**.

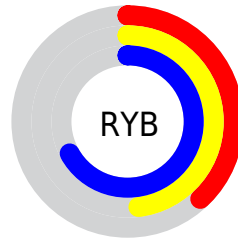
# Distribution



Red (38%)

Green (53%)

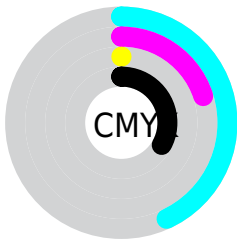
Blue (67%)



Red (38%)

Yellow (48%)

Blue (67%)

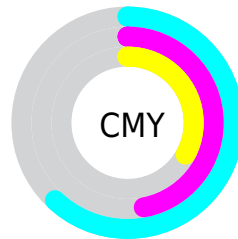


Cyan (43%)

Magenta (20%)

Yellow (0%)

Black (33%)



Cyan (62%)

Magenta (47%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6188AB 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 6188AB by changing the saturation by 10% instead.



■ 6188AB

■ 6188AB

FFFFFF

■ 476F90

■ 97BDE2

■ 2C5677

■ B2D9FF

■ 0C3F5E

■ CEF5FF

■ 002946

■ EBFFFF

■ 00152F

■ 00011B

■ 000000

■ 6188AB

■ 6188AB

■ 5080AB

■ 7290AB

■ 3F78AB

■ 8398AB

■ 2E70AB

■ 94A0AB

■ 1D68AB

■ A5A8AB

■ 0B60AB

■ B6B0AB

■ 005AAB

■ C8B9AB

■ D9C1AB

■ EAC9AB

■ FBD1AB

# Harmonies

## Analogous

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



4B8DA2



6188AB



7E81AA

# Triad

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



6188AB



AD7677



6E8C6A

# Complementary

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



6188AB



AB8461

# 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.



85875E



6188AB



A77A66

# Square

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



6188AB



A7768C



99805D



578F7C

# Rectangle

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



6188AB



8F7DA3



99805D



768B65



# Sweetspot

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



6188AB



C1D0DE



61AB84



5E6870



F0F0F0



707070



# Same Dimension

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



6188AB



6AA7DE



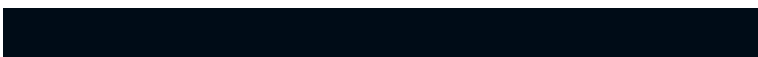
6163AB



4E5357



004F96



000C17



# Inverse Universe

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



AB6188



DE6AA7



ABA961



574E53



96004F



17000C



# Previews

## White Background



This preview shows how the Hex color 6188AB looks on a white background.

## Color Contrast Check

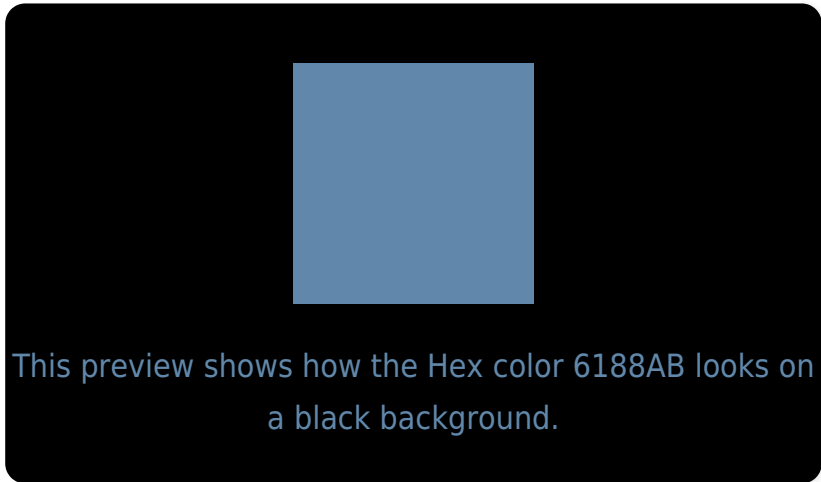
Large Text (above 18pt) WCAG AA ✓ Pass

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

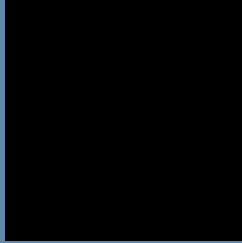
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

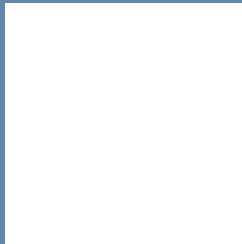
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6188AB Background



This preview shows how black text looks on a background with the Hex color 6188AB.

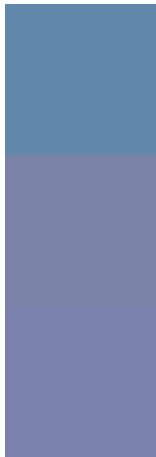


This preview shows how white text looks on a background with the Hex color 6188AB.

# 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](#).

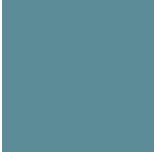
## Dichromacy



**Original Color**  
6188AB

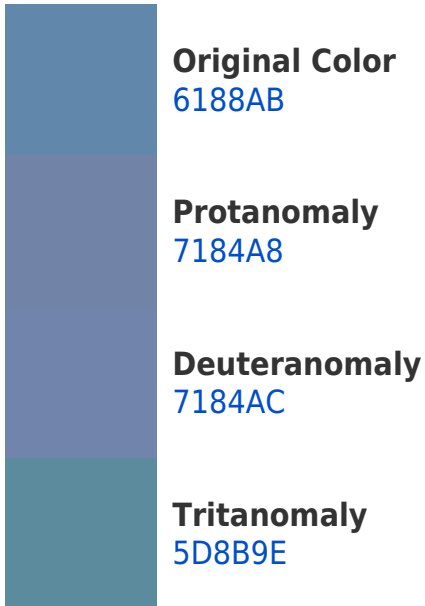
**Protanopia**  
7A82A7

**Deuteranopia**  
7A81AC



**Tritanopia**  
5B8C97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6188AB 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 #6188AB looks like.

```
.text, #text, p{  
    color:#6188AB  
}
```

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 #6188AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6188AB  
}
```

## Border

The CSS property to change the border of an element to Hex 6188AB is called "border". The border property can be set on classes, ids or directly on the HTML element.

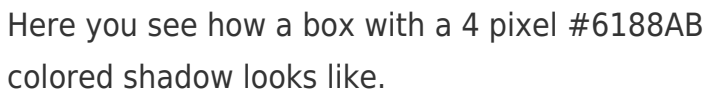
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#6188AB }
```

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

```
.border{ border-color:#6188AB }
```

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



Here you see how a box with a 4 pixel #6188AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6188AB; -webkit-box-shadow:4px 4px  
4px 4px #6188AB; box-shadow:4px 4px 4px  
4px #6188AB }
```

# Background

The CSS property to change the background color of an element to Hex 6188AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6188AB }
```

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

```
.background{ background-color:#6188AB }
```

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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