

Converting Colors

Hex(6183BB)

Have a look what the booklet for
Hex(6183BB) contains.

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Color

Hex(6183BB)

Conversions

Conversions Part 1

Format	Color
Hex	6183BB
RGB	97, 131, 187
RGB Percent	38%, 51%, 73%
CMY	0.6196, 0.4863, 0.2667
CMYK	0.48, 0.30, 0.00, 0.27
HSL	217°, 40%, 56%
HSV	217°, 48%, 73%
XYZ	22.0157, 22.3618, 50.1696
YIQ	127.2180, -38.2400, 10.2080

Conversions

Conversions Part 2

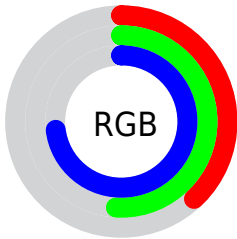
Format	Color
R _Y B	97, 122, 187
Decimal	6390715
CIE Lab	54.41, 3.58, -33.08
CIE LCh	54, 33.273, 276.180
Yxy	22.3618, 0.2329, 0.2365
Android (android.graphics.Color)	4284580795 (0xFF6183BB)
YUV	127.2180, 29.4725, -26.5012
Hunter-Lab	47.2883, 0.3485, -29.8008

Details

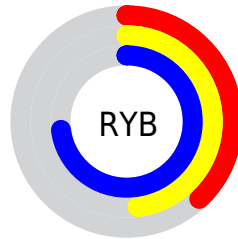
The Hex color **6183BB** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **BB9961**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **98B8F3**, and **295285** is the 20% darker color. If you saturate the color by 10%, you get **4E77BB**, and if you desaturate by 10%, it is **748FBB**.

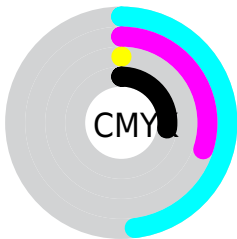
Distribution



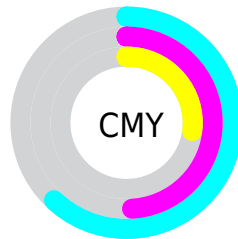
- Red (38%)
- Green (51%)
- Blue (73%)



- Red (38%)
- Yellow (48%)
- Blue (73%)



- Cyan (48%)
- Magenta (30%)
- Yellow (0%)
- Black (27%)



- Cyan (62%)
- Magenta (49%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6183BB 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 6183BB by changing the saturation by 10% instead.

■ 6183BB

■ 6183BB

FFFFFF

■ 466AA0

■ 98B8F3

■ 295285

■ B4D3FF

■ 003B6C

■ D0F0FF

■ 002653

■ EEEFFF

■ 00113C

■ 000226

■ 00010E

■ 000000

■ 6183BB

■ 6183BB

■ 4E77BB

■ 748FBB

■ 3C6CBB

■ 869ABB

■ 2960BB

■ 99A6BB

■ 1654BB

■ ACB2BB

■ 0449BB

■ BFBDBB

■ 0047BB

■ D1C9BB

■ E4D4BB

■ F7E0BB

■ FFECBB

Harmonies

Analogous

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



278BB6



6183BB



8D78B1

Triad

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



6183BB



B76F62



4C8F6A

Complementary

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



6183BB



BB9961

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.



708A53



6183BB



A8784E

Square

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



6183BB



B96B7D



8F8248



1B9187

Rectangle

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



6183BB



A372A3



8F8248



598E61

Sweetspot

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



6183BB



D0DDF2



61BB99



666D7A



FAFAFA



7A7A7A

Same Dimension

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



6183BB



669BF2



6C61BB



55585E



003C9E



000C1F

Inverse Universe

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



BB6183



F2669B



B1BB61



5E5558



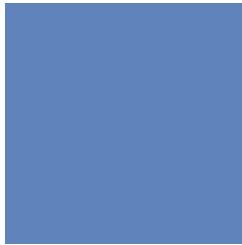
9E003C



1F000C

Previews

White Background



This preview shows how the Hex color 6183BB looks on a white background.

Color Contrast Check

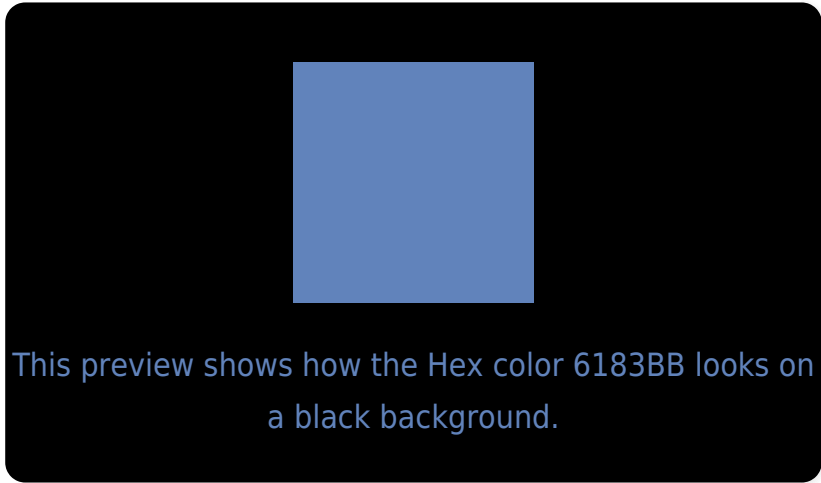
Large Text (above 18pt) WCAG AA ✓ Pass

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

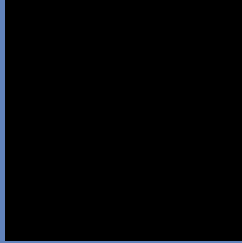
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

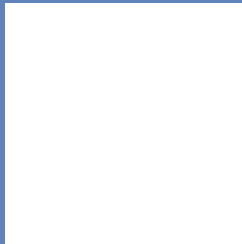
Any Text WCAG AAA × Fail

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

Hex 6183BB Background



This preview shows how black text looks on a background with the Hex color 6183BB.

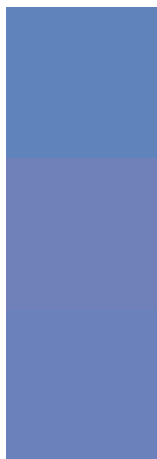


This preview shows how white text looks on a background with the Hex color 6183BB.

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
6183BB

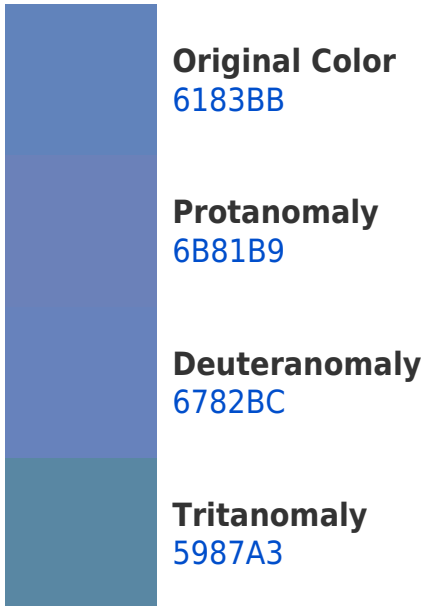
Protanopia
7080B8

Deuteranopia
6B81BC

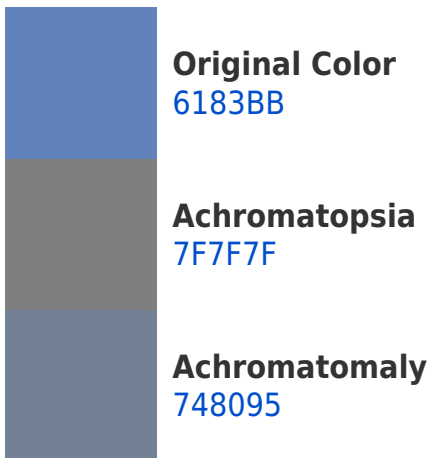


Tritanopia
558A95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6183BB 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 #6183BB looks like.

```
.text, #text, p{  
    color:#6183BB  
}
```

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 #6183BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6183BB  
}
```

Border

The CSS property to change the border of an element to Hex 6183BB 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  
#6183BB }
```

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

```
.border{ border-color:#6183BB }
```

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

Here you see how a box with a 4 pixel #6183BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6183BB; -webkit-box-shadow:4px 4px  
4px 4px #6183BB; box-shadow:4px 4px 4px  
4px #6183BB }
```

Background

The CSS property to change the background color of an element to Hex 6183BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6183BB }
```

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

```
.background{ background-color:#6183BB }
```

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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