

# Converting Colors

Hex(6386BF)

Have a look what the booklet for  
Hex(6386BF) contains.

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# Color

**Hex(6386BF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6386BF
RGB	99, 134, 191
RGB Percent	39%, 53%, 75%
CMY	0.6118, 0.4745, 0.2510
CMYK	0.48, 0.30, 0.00, 0.25
HSL	217°, 42%, 57%
HSV	217°, 48%, 75%
XYZ	23.0747, 23.4644, 52.6031
YIQ	130.0330, -39.1570, 10.3070

# Conversions

## Conversions Part 2

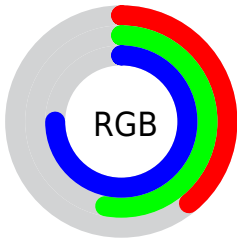
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 124, 191
Decimal	6522559
CIE <sub>Lab</sub>	55.55, 3.52, -33.58
CIE <sub>LCh</sub>	56, 33.759, 275.985
Y <sub>xy</sub>	23.4644, 0.2327, 0.2367
Android (android.graphics.Color)	4284712639 (0xFF6386BF)
YUV	130.0330, 30.0567, -27.2159
Hunter-Lab	48.4401, 0.2591, -30.4774

# Details

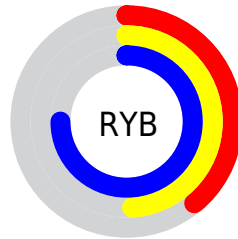
The Hex color **6386BF** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **BF9C63**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **9ABBF8**, and **2B5589** is the 20% darker color. If you saturate the color by 10%, you get **507ABF**, and if you desaturate by 10%, it is **7692BF**.

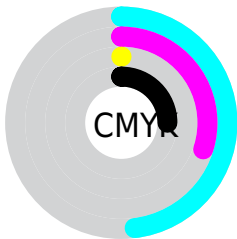
# Distribution



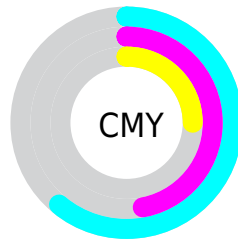
- Red (39%)
- Green (53%)
- Blue (75%)



- Red (39%)
- Yellow (49%)
- Blue (75%)



- Cyan (48%)
- Magenta (30%)
- Yellow (0%)
- Black (25%)



- Cyan (61%)
- Magenta (47%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6386BF 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 6386BF by changing the saturation by 10% instead.



■ 6386BF

■ 6386BF

FFFFFF

■ 486DA4

■ 9ABBF8

■ 2B5589

■ B6D7FF

■ 013E70

■ D3F3FF

■ 002857

■ F0FFFF

■ 00143F

■ 000329

■ 000113

■ 000000

■ 6386BF

■ 6386BF

■ 507ABF

■ 7692BF

■ 3D6EBF

■ 899EBF

■ 2A62BF

■ 9CAABF

■ 1757BF

■ AFB5BF

■ 034BBF

■ C3C1BF

■ 0049BF

■ D6CDBF

■ E9D9BF

■ FCE5BF

■ FFF1BF

# Harmonies

## Analogous

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



288EBA



6386BF



907BB4

# Triad

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



6386BF



BB7264



4E936C

# Complementary

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



6386BF



BF9C63

# 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.



738D55



6386BF



AB7B50

# Square

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



6386BF



BD6E80



92854A



1D958A

# Rectangle

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



6386BF



A674A6



92854A



5B9163



# Sweetspot

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



6386BF



D5E2F7



63BF9C



68707D



FCFCFC



7D7D7D

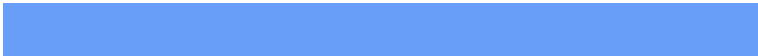


# Same Dimension

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



6386BF



689EF7



6E63BF



55595E



003C9E



000C1F



# Inverse Universe

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



BF6386



F7689E



B4BF63



5E5559



9E003C

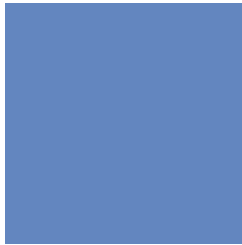


1F000C



# Previews

## White Background



This preview shows how the Hex color 6386BF looks on a white background.

## Color Contrast Check

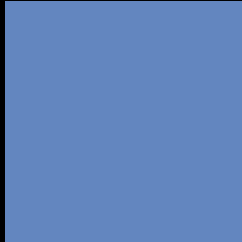
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 6386BF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

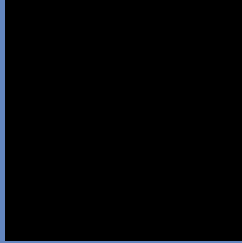
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

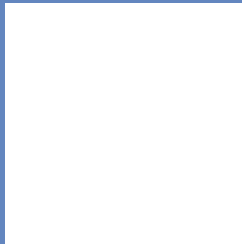
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6386BF Background



This preview shows how black text looks on a background with the Hex color 6386BF.

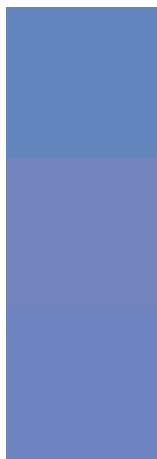


This preview shows how white text looks on a background with the Hex color 6386BF.

# 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**  
6386BF

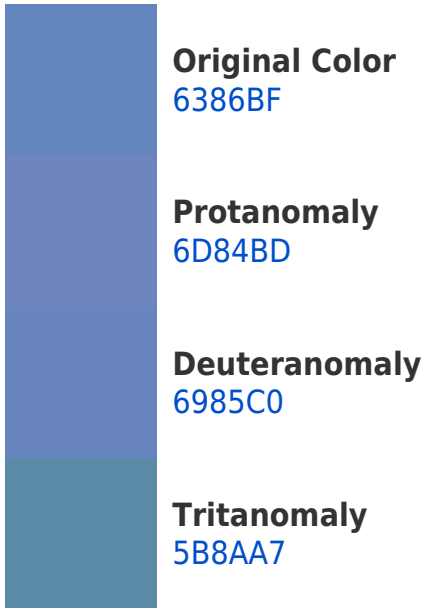
**Protanopia**  
7383BC

**Deuteranopia**  
6D84C0



**Tritanopia**  
578D99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6386BF 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 #6386BF looks like.

```
.text, #text, p{  
    color:#6386BF  
}
```

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 #6386BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6386BF
}
```

## Border

The CSS property to change the border of an element to Hex 6386BF is called "border". The border property can be set on classes, ids or directly on the HTML element.

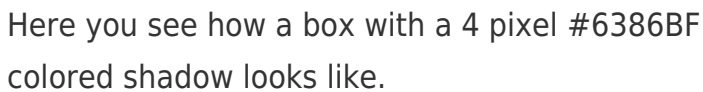
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6386BF }
```

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

```
.border{ border-color:#6386BF }
```

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



Here you see how a box with a 4 pixel #6386BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6386BF; -webkit-box-shadow:4px 4px  
4px 4px #6386BF; box-shadow:4px 4px 4px  
4px #6386BF }
```

# Background

The CSS property to change the background color of an element to Hex 6386BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6386BF }
```

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

```
.background{ background-color:#6386BF }
```

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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