

Converting Colors

Hex(5090BF)

Have a look what the booklet for
Hex(5090BF) contains.

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Color

Hex(5090BF)

Conversions

Conversions Part 1

Format	Color
Hex	5090BF
RGB	80, 144, 191
RGB Percent	31%, 56%, 75%
CMY	0.6863, 0.4353, 0.2510
CMYK	0.58, 0.25, 0.00, 0.25
HSL	205°, 46%, 53%
HSV	205°, 58%, 75%
XYZ	22.6855, 25.4136, 52.9999
YIQ	130.2220, -53.2310, 1.0490

Conversions

Conversions Part 2

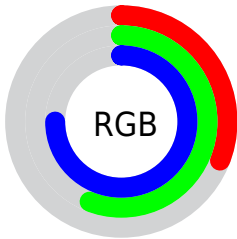
Format	Color
R_{YB}	80, 121, 191
Decimal	5279935
CIE _{Lab}	57.48, -6.56, -30.64
CIE _{LCh}	57, 31.337, 257.923
Yxy	25.4136, 0.2244, 0.2514
Android (android.graphics.Color)	4283470015 (0xFF5090BF)
YUV	130.2220, 29.9636, -44.0447
Hunter-Lab	50.4119, -7.8953, -27.0454

Details

The Hex color **5090BF** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **BF7F50**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **89C6F8**, and **015E89** is the 20% darker color. If you saturate the color by 10%, you get **3D88BF**, and if you desaturate by 10%, it is **6398BF**.

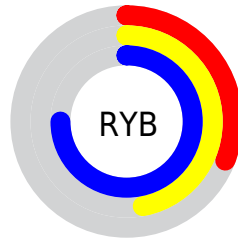
Distribution



Red (31%)

Green (56%)

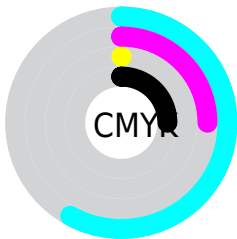
Blue (75%)



Red (31%)

Yellow (47%)

Blue (75%)

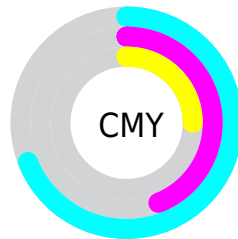


Cyan (58%)

Magenta (25%)

Yellow (0%)

Black (25%)



Cyan (69%)

Magenta (44%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5090BF 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 5090BF by changing the saturation by 10% instead.

■ 5090BF

■ 5090BF

FFFFFF

■ 3176A4

■ 89C6F8

■ 015E89

■ A6E2FF

■ 004670

■ C3FEFF

■ 003057

■ E0FFFF

■ 001C3F

FEFFFF

■ 000329

■ 000113

■ 000000

■ 5090BF

■ 5090BF

■ 3D88BF

■ 6398BF

■ 2A80BF

■ 76A0BF

■ 1778BF

■ 89A8BF

■ 0470BF

■ 9CB0BF

■ 006EBF

■ B0B8BF

■ C3C1BF

■ D6C9BF

■ E9D1BF

■ FCD9BF

Harmonies

Analogous

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



2496B2



5090BF



7D87BE

Triad

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



5090BF



C0757B



6D9464

Complementary

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



5090BF



BF7F50

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.



8C8E55



5090BF



B97B63

Square

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



5090BF



B87696



A68555



4A987E

Rectangle

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



5090BF



9780B5



A68555



77925E

Sweetspot

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



5090BF



CDE6F7



50BF7E



64727D



FCFCFC



7D7D7D

Same Dimension

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



5090BF



4AAEF7



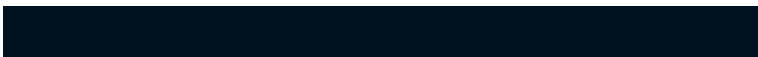
5059BF



555A5E



005B9E



00121F

Inverse Universe

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



BF5090



F74AAE



BFB650



5E555A



9E005B



1F0012

Previews

White Background



This preview shows how the Hex color 5090BF looks on a white background.

Color Contrast Check

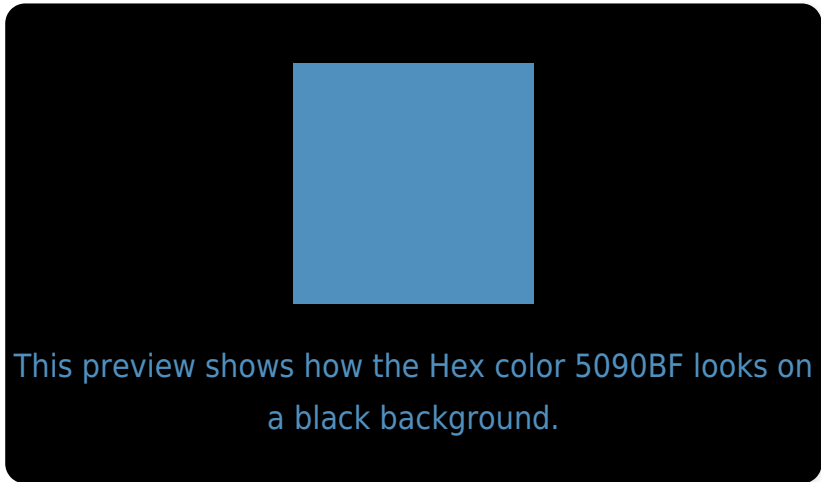
Large Text (above 18pt) WCAG AA ✓ Pass

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

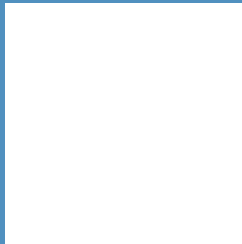
Any Text WCAG AAA × Fail

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

Hex 5090BF Background



This preview shows how black text looks on a background with the Hex color 5090BF.



This preview shows how white text looks on a background with the Hex color 5090BF.

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](#).

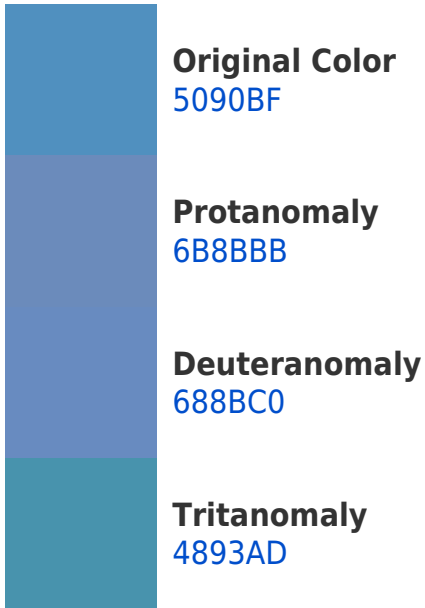
Dichromacy





Tritanopia
4495A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5090BF 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 #5090BF looks like.

```
.text, #text, p{  
    color:#5090BF  
}
```

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 #5090BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5090BF
}
```

Border

The CSS property to change the border of an element to Hex 5090BF 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
#5090BF }
```

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

```
.border{ border-color:#5090BF }
```

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

Here you see how a box with a 4 pixel #5090BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5090BF; -webkit-box-shadow:4px 4px  
4px 4px #5090BF; box-shadow:4px 4px 4px  
4px #5090BF }
```

Background

The CSS property to change the background color of an element to Hex 5090BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5090BF }
```

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

```
.background{ background-color:#5090BF }
```

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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