

Converting Colors

Hex(4059BF)

Have a look what the booklet for
Hex(4059BF) contains.

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Color

Hex(4059BF)

Conversions

Conversions Part 1

Format	Color
Hex	4059BF
RGB	64, 89, 191
RGB Percent	25%, 35%, 75%
CMY	0.7490, 0.6510, 0.2510
CMYK	0.66, 0.53, 0.00, 0.25
HSL	228°, 50%, 50%
HSV	228°, 66%, 75%
XYZ	15.0907, 11.9963, 50.8104
YIQ	93.1530, -47.6420, 26.4220

Conversions

Conversions Part 2

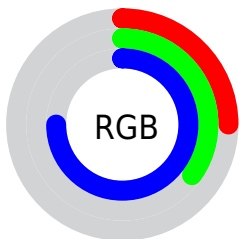
Format	Color
R _{YB}	64, 85, 191
Decimal	4217279
CIE Lab	41.21, 24.15, -56.49
CIE LCh	41, 61.436, 293.146
Yxy	11.9963, 0.1937, 0.1540
Android (android.graphics.Color)	4282407359 (0xFF4059BF)
YUV	93.1530, 48.2386, -25.5672
Hunter-Lab	34.6357, 17.1595, -62.7330

Details

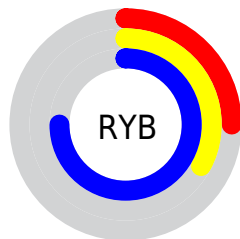
The Hex color **4059BF** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **BFA640**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **7D8BF8**, and **002C89** is the 20% darker color. If you saturate the color by 10%, you get **2D4ABF**, and if you desaturate by 10%, it is **5368BF**.

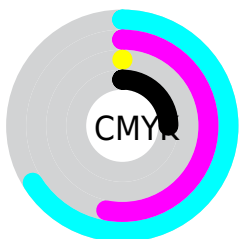
Distribution



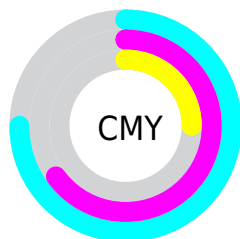
- Red (25%)
- Green (35%)
- Blue (75%)



- Red (25%)
- Yellow (33%)
- Blue (75%)



- Cyan (66%)
- Magenta (53%)
- Yellow (0%)
- Black (25%)



- Cyan (75%)
- Magenta (65%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4059BF 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 4059BF by changing the saturation by 10% instead.

■ 4059BF

■ 4059BF

FFFFFF

■ 1842A3

■ 7D8BF8

■ 002C89

■ 9AA5FF

■ 00196F

■ B7C0FF

■ 000056

■ D5DCFF

■ 00063D

■ F3F8FF

■ 000327

■ 000110

■ 000000

■ 4059BF

■ 4059BF

■ 2D4ABF

■ 5368BF

■ 1A3ABF

■ 6678BF

■ 072BBF

■ 7987BF

■ 0026BF

■ 8C96BF

■ A0A6BF

■ B3B5BF

■ C6C4BF

■ D9D4BF

■ ECE3BF

Harmonies

Analogous

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



006BC6



4059BF



913E9E

Triad

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



4059BF



A34409



007654

Complementary

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



4059BF



BFA640

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.



00721E



4059BF



805B00

Square

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



4059BF



B7293D



516A00



007788

Rectangle

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



4059BF



AC2B80



516A00



007542

Sweetspot

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



4059BF



C6D0F7



40BFA6



5F657D



FCFCFC



7D7D7D

Same Dimension

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



4059BF



3158F7



6640BF



55575E



001F9E



00061F

Inverse Universe

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



BF4059



F73158



99BF40



5E5557



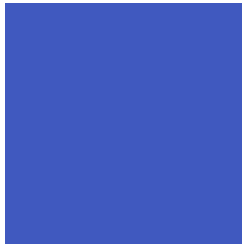
9E001F



1F0006

Previews

White Background



This preview shows how the Hex color 4059BF looks on a white background.

Color Contrast Check

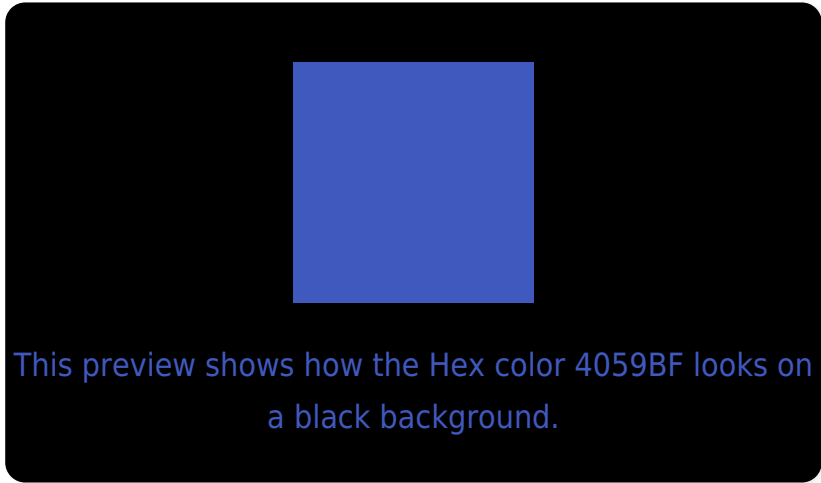
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

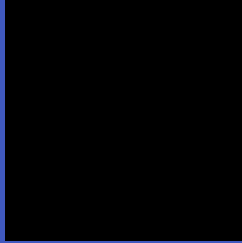
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 4059BF Background



This preview shows how black text looks on a background with the Hex color 4059BF.

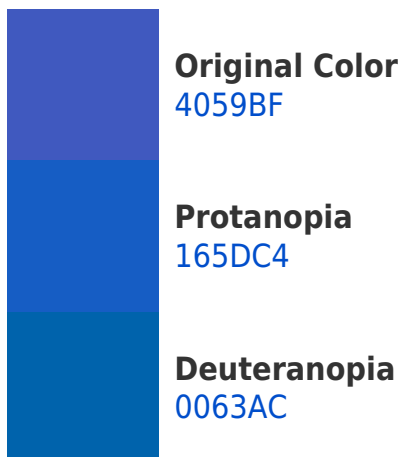


This preview shows how white text looks on a background with the Hex color 4059BF.

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
006B74

Trichromacy



Original Color
4059BF

Protanomaly
255CC2

Deuteranomaly
175FB3

Tritanomaly
17648F

Monochromacy



Original Color
4059BF

Achromatopsia
5D5D5D

Achromatomaly
525C81

CSS Examples

Text

The CSS property to change the color of the text to Hex 4059BF 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 #4059BF looks like.

```
.text, #text, p{  
    color:#4059BF  
}
```

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 #4059BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4059BF
}
```

Border

The CSS property to change the border of an element to Hex 4059BF is called "border". The border property can be set on classes, ids or directly on the HTML element.

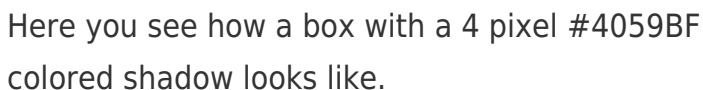
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4059BF }
```

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

```
.border{ border-color:#4059BF }
```

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



Here you see how a box with a 4 pixel #4059BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4059BF; -webkit-box-shadow:4px 4px  
4px 4px #4059BF; box-shadow:4px 4px 4px  
4px #4059BF }
```

Background

The CSS property to change the background color of an element to Hex 4059BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4059BF }
```

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

```
.background{ background-color:#4059BF }
```

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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