

Converting Colors

Hex(1059D4)

Have a look what the booklet for
Hex(1059D4) contains.

Hex(1059D4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1059D4)

Conversions

Conversions Part 1

Format	Color
Hex	1059D4
RGB	16, 89, 212
RGB Percent	6%, 35%, 83%
CMY	0.9373, 0.6510, 0.1686
CMYK	0.92, 0.58, 0.00, 0.17
HSL	218°, 86%, 45%
HSV	218°, 92%, 83%
XYZ	15.6697, 12.0084, 63.7793
YIQ	81.1950, -82.9910, 22.7770

Conversions

Conversions Part 2

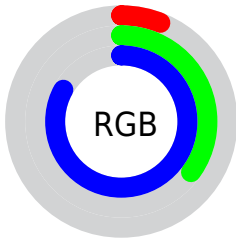
Format	Color
RYB	16, 69, 212
Decimal	1071572
CIELab	41.23, 27.49, -68.67
CIELCh	41, 73.966, 291.814
Yxy	12.0084, 0.1713, 0.1313
Android (android.graphics.Color)	4279261652 (0xFF1059D4)
YUV	81.1950, 64.4869, -57.1760
Hunter-Lab	34.6531, 20.0727, -84.8665

Details

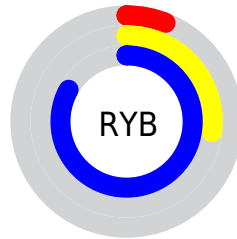
The Hex color **1059D4** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **D48B10**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **698AFF**, and **002D9C** is the 20% darker color. If you saturate the color by 10%, you get **004FD4**, and if you desaturate by 10%, it is **2566D4**.

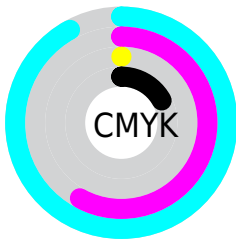
Distribution



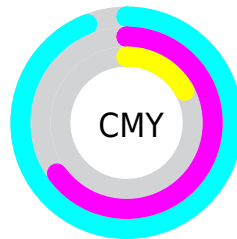
- Red (6%)
- Green (35%)
- Blue (83%)



- Red (6%)
- Yellow (27%)
- Blue (83%)



- Cyan (92%)
- Magenta (58%)
- Yellow (0%)
- Black (17%)



- Cyan (94%)
- Magenta (65%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1059D4 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 1059D4 by changing the saturation by 10% instead.

■ 1059D4

■ 1059D4

FFFFFF

■ 0042B8

■ 698AFF

■ 002D9C

■ 89A4FF

■ 001A81

■ A8BFFF

■ 000168

■ C7DBFF

■ 000A4E

■ E6F7FF

■ 000536

■ 000220

■ 000004

■ 000000

■ 1059D4

■ 1059D4

■ 004FD4

■ 2566D4

■ 3A74D4

■ 5081D4

■ 658ED4

■ 7A9CD4

■ 8FA9D4

■ A4B6D4

■ BAC3D4

■ CFD1D4

Harmonies

Analogous

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



006EDB



1059D4



9733AE

Triad

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



1059D4



AF3900



00794E

Complementary

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



1059D4



D48B10

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.



007500



1059D4



855900

Square

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



1059D4



C60039



4D6B00



007A8D

Rectangle

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



1059D4



B80389



4D6B00



007838

Sweetspot

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



1059D4



B8D2FF



10D489



546480



000000



808080

Same Dimension

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



1059D4



005FFF



2710D4



60646B



0040AB



00102B

Inverse Universe

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



D41059



FF005F



BDD410



6B6064



AB0040



2B0010

Previews

White Background



This preview shows how the Hex color 1059D4 looks on a white background.

Color Contrast Check

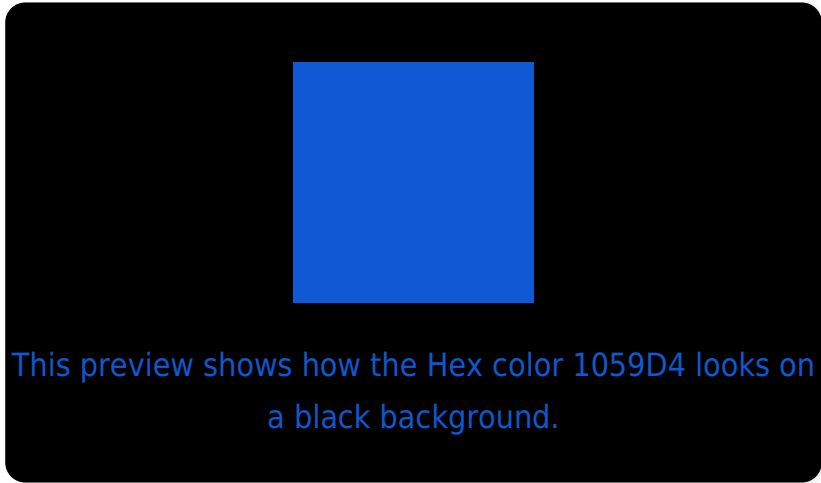
Large Text (above 18pt) WCAG AA ✓ Pass

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

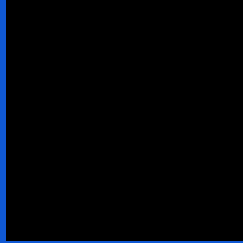
Any Text WCAG AA × Fail

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 1059D4 Background



This preview shows how black text looks on a background with the Hex color 1059D4.



This preview shows how white text looks on a background with the Hex color 1059D4.

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
1059D4

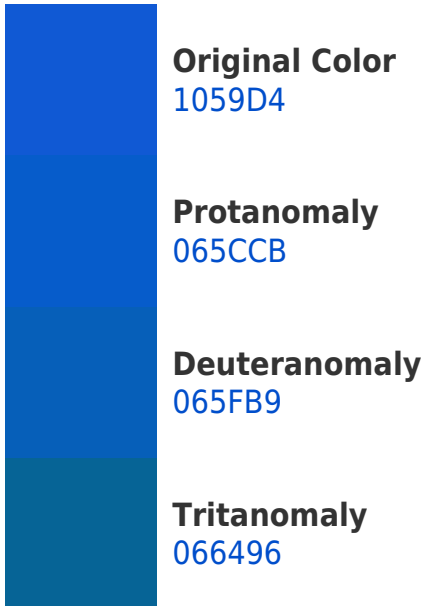
Protanopia
005DC6

Deuteranopia
0063AA

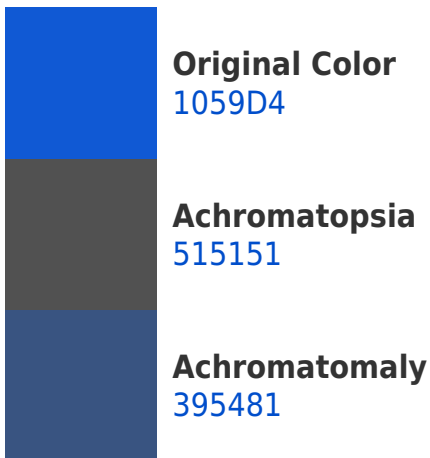


Tritanopia
006B72

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1059D4 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 #1059D4 looks like.

```
.text, #text, p{  
    color:#1059D4  
}
```

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 #1059D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1059D4
}
```

Border

The CSS property to change the border of an element to Hex 1059D4 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
#1059D4 }
```

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

```
.border{ border-color:#1059D4 }
```

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

Here you see how a box with a 4 pixel #1059D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1059D4; -webkit-box-shadow:4px 4px  
4px 4px #1059D4; box-shadow:4px 4px 4px  
4px #1059D4 }
```

Background

The CSS property to change the background color of an element to Hex 1059D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1059D4 }
```

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

```
.background{ background-color:#1059D4 }
```

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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