

Converting Colors

Hex(0559C4)

Have a look what the booklet for
Hex(0559C4) contains.

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Color

Hex(0559C4)

Conversions

Conversions Part 1

Format	Color
Hex	0559C4
RGB	5, 89, 196
RGB Percent	2%, 35%, 77%
CMY	0.9804, 0.6510, 0.2314
CMYK	0.97, 0.55, 0.00, 0.23
HSL	214°, 95%, 39%
HSV	214°, 97%, 77%
XYZ	13.5988, 11.1625, 53.6624
YIQ	76.0820, -84.4110, 15.4690

Conversions

Conversions Part 2

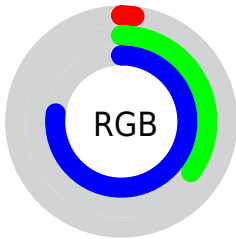
Format	Color
RYB	5, 63, 196
Decimal	350660
CIELab	39.85, 20.77, -61.68
CIELCh	40, 65.083, 288.607
Yxy	11.1625, 0.1734, 0.1423
Android (android.graphics.Color)	4278540740 (0xFF0559C4)
YUV	76.0820, 59.1196, -62.3389
Hunter-Lab	33.4104, 14.1853, -71.8419

Details

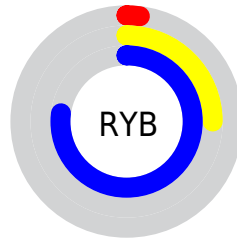
The Hex color **0559C4** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **C47005**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **628AFD**, and **002D8D** is the 20% darker color. If you saturate the color by 10%, you get **0056C4**, and if you desaturate by 10%, it is **1964C4**.

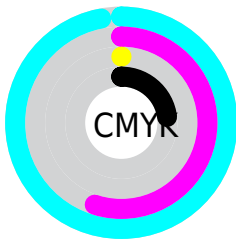
Distribution



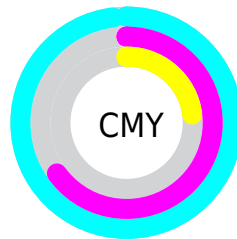
- Red (2%)
- Green (35%)
- Blue (77%)



- Red (2%)
- Yellow (25%)
- Blue (77%)



- Cyan (97%)
- Magenta (55%)
- Yellow (0%)
- Black (23%)



- Cyan (98%)
- Magenta (65%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0559C4 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 0559C4 by changing the saturation by 10% instead.

0559C4

0559C4

FFFFFF

0042A8

628AFD

002D8D

82A4FF

001A73

A0BFFF

00005A

BFDBFF

000741

DDF7FF

00032A

FCFFF

000114

000000

0559C4

0559C4

■ 0056C4

■ 1964C4

■ 2C6FC4

■ 407AC4

■ 5385C4

■ 6790C4

■ 7B9BC4

■ 8EA6C4

■ A2B1C4

■ B5BCC4

Harmonies

Analogous

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



006AC7



0559C4



873CA5

Triad

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



0559C4



A73A08



007347

Complementary

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



0559C4



C47005

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.



006F06



0559C4



835400

Square

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



0559C4



B81640



546500



00747F

Rectangle

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



0559C4



A72486



546500



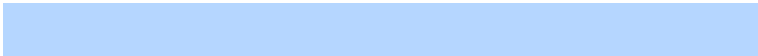
007234

Sweetspot

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



0559C4



B5D6FF



05C46E



536780



000000



808080

Same Dimension

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



0559C4



0070FF



0F05C4



575B61



0047A1



000F21

Inverse Universe

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



C40559



FF0070



BAC405



61575B



A10047



21000F

Previews

White Background



This preview shows how the Hex color 0559C4 looks on a white background.

Color Contrast Check

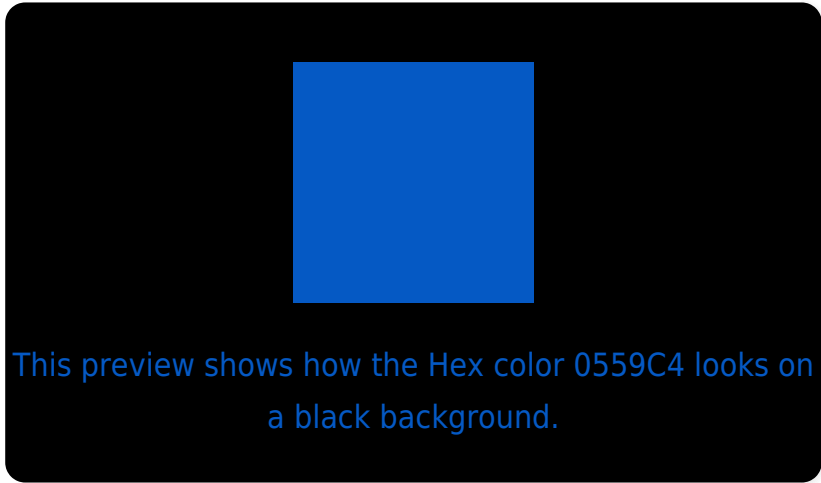
Large Text (above 18pt) WCAG AA ✓ Pass

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

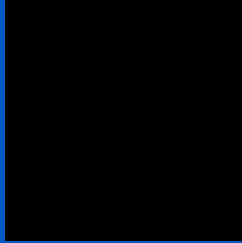
Any Text WCAG AA × Fail

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 0559C4 Background



This preview shows how black text looks on a background with the Hex color 0559C4.



This preview shows how white text looks on a background with the Hex color 0559C4.

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
0559C4

Protanopia
005AC0

Deuteranopia
0060A5



Tritanopia
00686E

Trichromacy



Original Color
0559C4

Protanomaly
025AC1

Deuteranomaly
025DB0

Tritanomaly
02638D

Monochromacy



Original Color
0559C4

Achromatopsia
4C4C4C

Achromatomaly
325178

CSS Examples

Text

The CSS property to change the color of the text to Hex 0559C4 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 #0559C4 looks like.

```
.text, #text, p{  
    color:#0559C4  
}
```

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 #0559C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0559C4
}
```

Border

The CSS property to change the border of an element to Hex 0559C4 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
#0559C4 }
```

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

```
.border{ border-color:#0559C4 }
```

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

Here you see how a box with a 4 pixel #0559C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0559C4; -webkit-box-shadow:4px 4px  
4px 4px #0559C4; box-shadow:4px 4px 4px  
4px #0559C4 }
```

Background

The CSS property to change the background color of an element to Hex 0559C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0559C4 }
```

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

```
.background{ background-color:#0559C4 }
```

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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