

Converting Colors

Hex(2159C6)

Have a look what the booklet for
Hex(2159C6) contains.

Hex(2159C6)	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(2159C6)

Conversions

Conversions Part 1

Format	Color
Hex	2159C6
RGB	33, 89, 198
RGB Percent	13%, 35%, 78%
CMY	0.8706, 0.6510, 0.2235
CMYK	0.83, 0.55, 0.00, 0.22
HSL	220°, 71%, 45%
HSV	220°, 83%, 78%
XYZ	14.3926, 11.5453, 54.8960
YIQ	84.6820, -68.3650, 22.0270

Conversions

Conversions Part 2

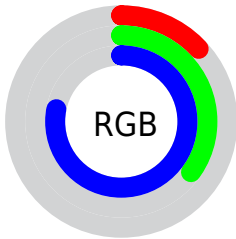
Format	Color
R_{YB}	33, 75, 198
Decimal	2185670
CIE _{Lab}	40.48, 23.04, -61.79
CIE _{LCh}	40, 65.949, 290.446
Yxy	11.5453, 0.1781, 0.1428
Android (android.graphics.Color)	4280375750 (0xFF2159C6)
YUV	84.6820, 55.8658, -45.3251
Hunter-Lab	33.9784, 16.1471, -72.0049

Details

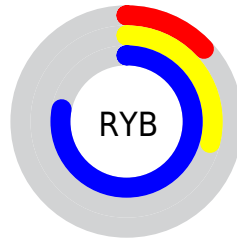
The Hex color **2159C6** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted blue. A complement of this color would be **C68E21**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **6B8AFF**, and **002D8F** is the 20% darker color. If you saturate the color by 10%, you get **0D4CC6**, and if you desaturate by 10%, it is **3566C6**.

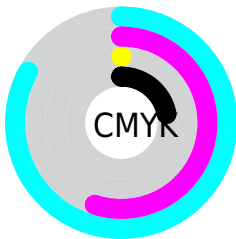
Distribution



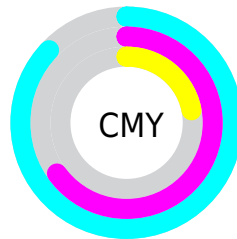
- Red (13%)
- Green (35%)
- Blue (78%)



- Red (13%)
- Yellow (29%)
- Blue (78%)



- Cyan (83%)
- Magenta (55%)
- Yellow (0%)
- Black (22%)



- Cyan (87%)
- Magenta (65%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2159C6 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 2159C6 by changing the saturation by 10% instead.

 2159C6

 2159C6

FFFFFF

 0042AA

 6B8AFF

 002D8F

 8AA4FF

 001A75

 A8BFFF

 00005C

 C6DBFF

 000743


 E5F8FF

 00032C

 000116

 000000

 2159C6

 2159C6

0D4CC6

3566C6

0043C6

4973C6

5C80C6

708DC6

849AC6

98A7C6

ACB5C6

BFC2C6

D3CFC6

Harmonies

Analogous

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



006BCB



2159C6



8D3BA5

Triad

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



2159C6



A73C03



00754C

Complementary

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



2159C6



C68E21

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.



00710D



2159C6



835700

Square

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



2159C6



BB183E



526800



007684

Rectangle

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



2159C6



AC2285



526800



007439

Sweetspot

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



2159C6



BFD5FF



21C68C



596680



000000



808080

Same Dimension

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



2159C6



0057FF



3A21C6



5A5D63



0037A3



000C24

Inverse Universe

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



C62159



FF0057



ADC621



635A5D



A30037



24000C

Previews

White Background



This preview shows how the Hex color 2159C6 looks on a white background.

Color Contrast Check

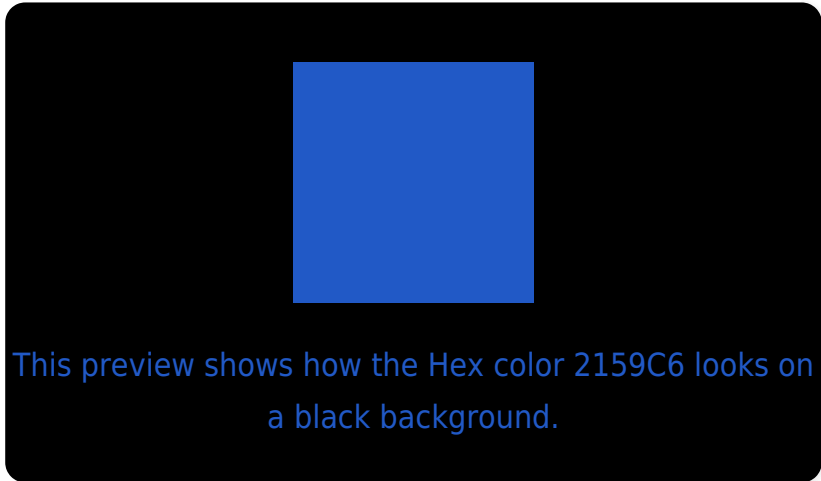
Large Text (above 18pt) WCAG AA ✓ Pass

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

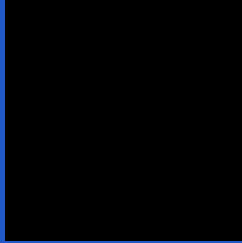
Any Text WCAG AA × Fail

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 2159C6 Background



This preview shows how black text looks on a background with the Hex color 2159C6.



This preview shows how white text looks on a background with the Hex color 2159C6.

Color Blindness Simulation

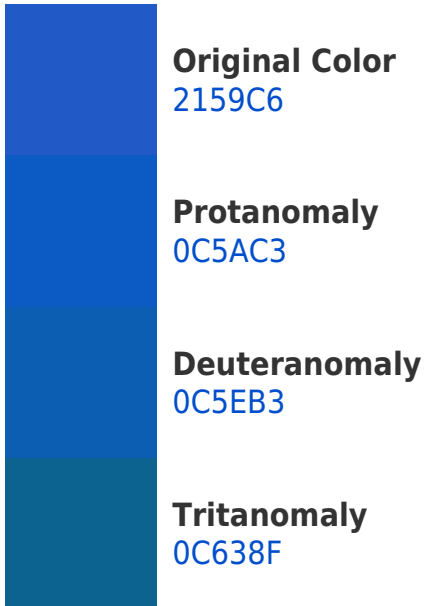
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2159C6 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 #2159C6 looks like.

```
.text, #text, p{  
    color:#2159C6  
}
```

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 #2159C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2159C6
}
```

Border

The CSS property to change the border of an element to Hex 2159C6 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
#2159C6 }
```

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

```
.border{ border-color:#2159C6 }
```

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

Here you see how a box with a 4 pixel #2159C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2159C6; -webkit-box-shadow:4px 4px  
4px 4px #2159C6; box-shadow:4px 4px 4px  
4px #2159C6 }
```

Background

The CSS property to change the background color of an element to Hex 2159C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2159C6 }
```

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

```
.background{ background-color:#2159C6 }
```

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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