

Converting Colors

Hex(1939BC)

Have a look what the booklet for
Hex(1939BC) contains.

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Color

Hex(1939BC)

Conversions

Conversions Part 1

Format	Color
Hex	1939BC
RGB	25, 57, 188
RGB Percent	10%, 22%, 74%
CMY	0.9020, 0.7765, 0.2627
CMYK	0.87, 0.70, 0.00, 0.26
HSL	228°, 77%, 42%
HSV	228°, 87%, 74%
XYZ	10.9411, 6.7638, 48.3058
YIQ	62.3660, -61.1230, 33.9570

Conversions

Conversions Part 2

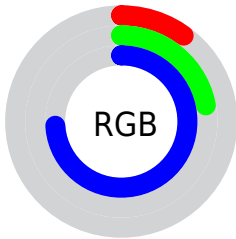
Format	Color
RYB	25, 52, 188
Decimal	1653180
CIELab	31.26, 39.51, -71.05
CIElCh	31, 81.295, 299.076
Yxy	6.7638, 0.1657, 0.1025
Android (android.graphics.Color)	4279843260 (0xFF1939BC)
YUV	62.3660, 61.9376, -32.7700
Hunter-Lab	26.0072, 29.5815, -91.9201

Details

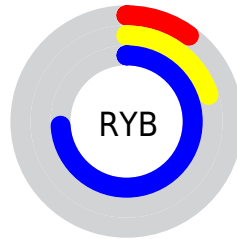
The Hex color **1939BC** is a dark color, and the websafe version is hex **0033CC**. A complement of this color would be **BC9C19**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **6868F5**, and **001085** is the 20% darker color. If you saturate the color by 10%, you get **062ABC**, and if you desaturate by 10%, it is **2C48BC**.

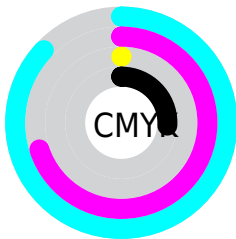
Distribution



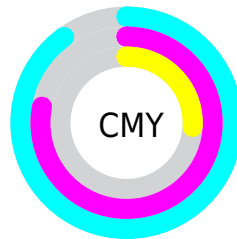
- Red (10%)
- Green (22%)
- Blue (74%)



- Red (10%)
- Yellow (20%)
- Blue (74%)



- Cyan (87%)
- Magenta (70%)
- Yellow (0%)
- Black (26%)



- Cyan (90%)
- Magenta (78%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1939BC 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 1939BC by changing the saturation by 10% instead.

 1939BC

 1939BC

FFFFFF

 0023A0

 6868F5

 001085

 8782FF

 00006B

 A59CFF

 000952

 C4B7FF

 00053A

 E2D2FF

 000223

 FFEFFF

 00000A

 000000

 1939BC

 1939BC

■ 062ABC

■ 2C48BC

■ 0025BC

■ 3F57BC

■ 5166BC

■ 6475BC

■ 7785BC

■ 8A94BC

■ 9DA3BC

■ AFB2BC

■ C2C1BC

Harmonies

Analogous

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



0055CD



1939BC



8F008D

Triad

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



1939BC



8C2400



006046

Complementary

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



1939BC



BC9C19

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.



005D00



1939BC



5D4700

Square

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



1939BC



AA0011



105700



006187

Rectangle

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



1939BC



A90064



105700



005F2F

Sweetspot

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



1939BC



B5C2F5



19BC9B



545C7A



FAFAFA



7A7A7A

Same Dimension

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



1939BC



0030F5



4A19BC



55575E



001F9E



00061F

Inverse Universe

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



BC1939



F50030



8BBC19



5E5557



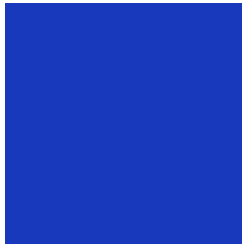
9E001F



1F0006

Previews

White Background



This preview shows how the Hex color 1939BC looks on a white background.

Color Contrast Check

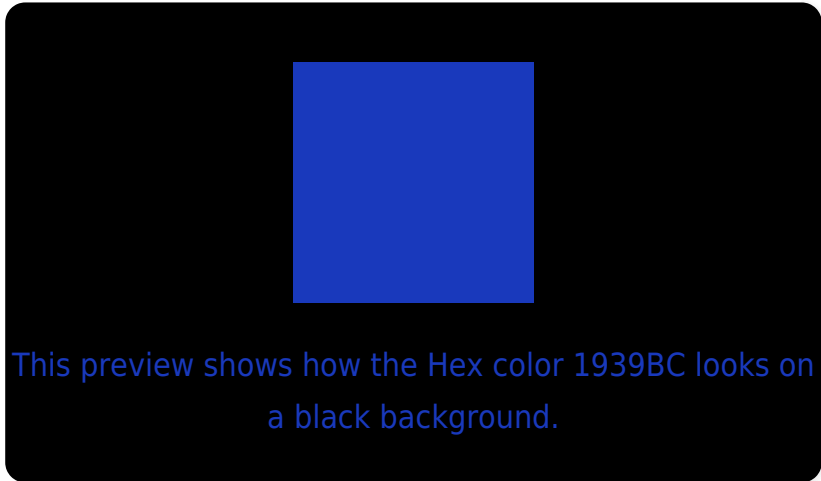
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

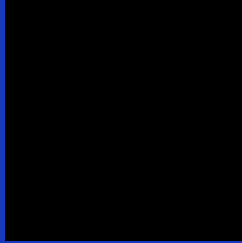
Any Text WCAG AA × Fail

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 1939BC Background



This preview shows how black text looks on a background with the Hex color 1939BC.




This preview shows how white text looks on a background with the Hex color 1939BC.

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
005256

Trichromacy



Original Color
1939BC

Protanomaly
0942A3

Deuteranomaly
094595

Tritanomaly
09497B

Monochromacy



Original Color
1939BC

Achromatopsia
3E3E3E

Achromatomaly
313C6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 1939BC 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 #1939BC looks like.

```
.text, #text, p{  
    color:#1939BC  
}
```

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 #1939BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1939BC
}
```

Border

The CSS property to change the border of an element to Hex 1939BC is called "border". The border property can be set on classes, ids or directly on the HTML element.

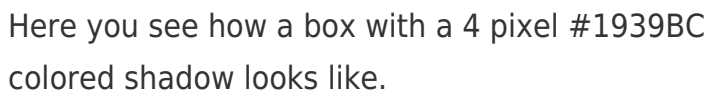
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1939BC }
```

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

```
.border{ border-color:#1939BC }
```

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



Here you see how a box with a 4 pixel #1939BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1939BC; -webkit-box-shadow:4px 4px  
4px 4px #1939BC; box-shadow:4px 4px 4px  
4px #1939BC }
```

Background

The CSS property to change the background color of an element to Hex 1939BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1939BC }
```

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

```
.background{ background-color:#1939BC }
```

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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