

Converting Colors

Hex(6B1939)

Have a look what the booklet for
Hex(6B1939) contains.

Hex(6B1939)	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(6B1939)

Conversions

Conversions Part 1

Format	Color
Hex	6B1939
RGB	107, 25, 57
RGB Percent	42%, 10%, 22%
CMY	0.5804, 0.9020, 0.7765
CMYK	0.00, 0.77, 0.47, 0.58
HSL	337°, 62%, 26%
HSV	337°, 77%, 42%
XYZ	7.1496, 4.1165, 4.2886
YIQ	53.1660, 38.6000, 27.3360

Conversions

Conversions Part 2

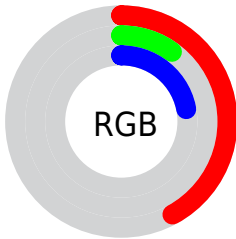
Format	Color
RYB	107, 25, 57
Decimal	7018809
CIELab	24.05, 38.42, 1.01
CIElCh	24, 38.437, 1.503
Yxy	4.1165, 0.4596, 0.2646
Android (android.graphics.Color)	4285208889 (0xFF6B1939)
YUV	53.1660, 1.8902, 47.2124
Hunter-Lab	20.2891, 27.3947, 1.6699

Details

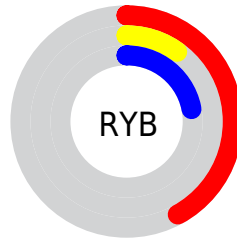
The Hex color **6B1939** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **196B4B**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **A24C68**, and **38000E** is the 20% darker color. If you saturate the color by 10%, you get **6B0E32**, and if you desaturate by 10%, it is **6B2440**.

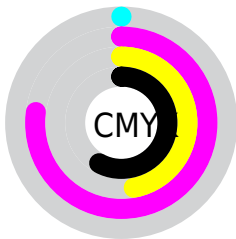
Distribution



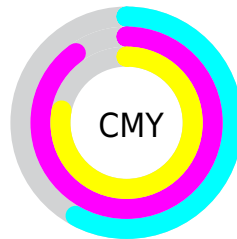
- Red (42%)
- Green (10%)
- Blue (22%)



- Red (42%)
- Yellow (10%)
- Blue (22%)



- Cyan (0%)
- Magenta (77%)
- Yellow (47%)
- Black (58%)



- Cyan (58%)
- Magenta (90%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B1939 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 6B1939 by changing the saturation by 10% instead.

 6B1939

 6B1939

FFFFFF

 500024

 A24C68

 38000E

 BE6681

 1A0001

 DB809B

 000000

 F99BB6

 FFB6D1

 FFD2ED

 FFEFFF

 6B1939

 6B1939

■ 6B0E32

■ 6B2440

■ 6B042C

■ 6B2E46

■ 6B002A

■ 6B394D

■ 6B4453

■ 6B4E5A

■ 6B5960

■ 6B6467

■ 6B6F6D

■ 6B7974

Harmonies

Analogous

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



5C2255



6B1939



691F1D

Triad

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



6B1939



284000



00436C

Complementary

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



6B1939



196B4B

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.



004657



6B1939



00441C

Square

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



6B1939



453800



00463A



003C73

Rectangle

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



6B1939



61280B



00463A



004466

Sweetspot

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



6B1939



8C6C79



4A196B



47333B



C7C7C7



474747

Same Dimension

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



6B1939



8C0B3E



6B2119



363032



75002E



F50060

Inverse Universe

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



6B1939



8C0B3E



19636B



363032



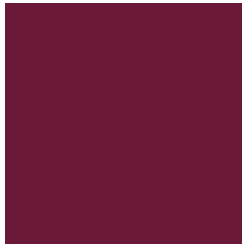
75002E



F50060

Previews

White Background



This preview shows how the Hex color 6B1939 looks on a white background.

Color Contrast Check

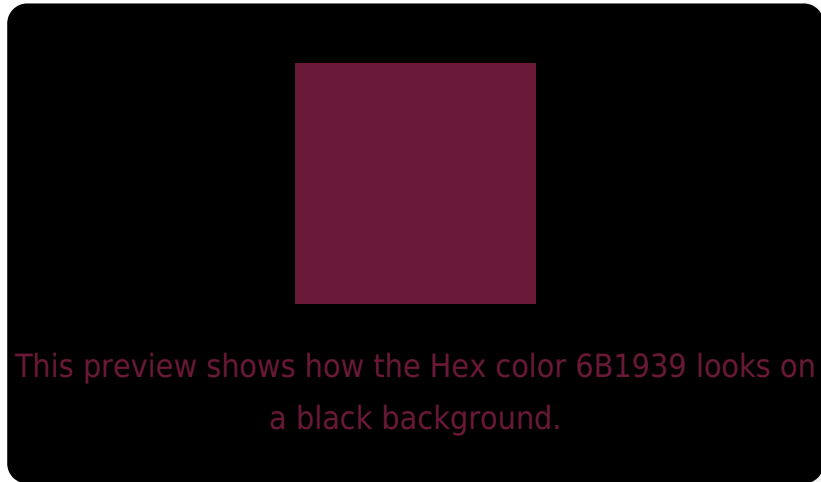
Large Text (above 18pt) WCAG AA ✓ Pass

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

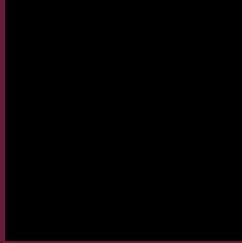
Any Text WCAG AA × Fail

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 6B1939 Background



This preview shows how black text looks on a background with the Hex color 6B1939.



This preview shows how white text looks on a background with the Hex color 6B1939.

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
6B1939

Protanopia
363A4C

Deuteranopia
433935



Tritanopia
6A1F21

Trichromacy



Original Color
6B1939

Protanomaly
492E45

Deuteranomaly
522D36

Tritanomaly
6A1D2A

Monochromacy



Original Color
6B1939

Achromatopsia
353535

Achromatomaly
492B36

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B1939 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 #6B1939 looks like.

```
.text, #text, p{  
    color:#6B1939  
}
```

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 #6B1939 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B1939
}
```

Border

The CSS property to change the border of an element to Hex 6B1939 is called "border". The border property can be set on classes, ids or directly on the HTML element.

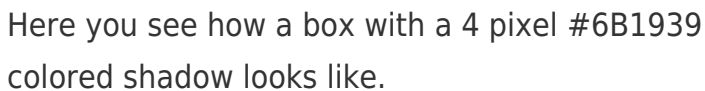
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B1939 }
```

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

```
.border{ border-color:#6B1939 }
```

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



Here you see how a box with a 4 pixel #6B1939 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B1939; -webkit-box-shadow:4px 4px  
4px 4px #6B1939; box-shadow:4px 4px 4px  
4px #6B1939 }
```

Background

The CSS property to change the background color of an element to Hex 6B1939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B1939 }
```

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

```
.background{ background-color:#6B1939 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor