

Converting Colors

Hex(6B1733)

Have a look what the booklet for
Hex(6B1733) contains.

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Color

Hex(6B1733)

Conversions

Conversions Part 1

Format	Color
Hex	6B1733
RGB	107, 23, 51
RGB Percent	42%, 9%, 20%
CMY	0.5804, 0.9098, 0.8000
CMYK	0.00, 0.79, 0.52, 0.58
HSL	340°, 65%, 25%
HSV	340°, 79%, 42%
XYZ	6.9673, 3.9776, 3.5325
YIQ	51.3080, 41.0760, 26.5160

Conversions

Conversions Part 2

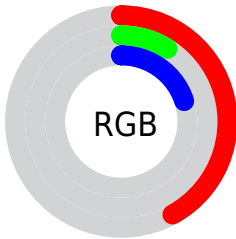
Format	Color
RYB	107, 23, 51
Decimal	7018291
CIELab	23.60, 38.58, 4.48
CIElCh	24, 38.839, 6.629
Yxy	3.9776, 0.4813, 0.2747
Android (android.graphics.Color)	4285208371 (0xFF6B1733)
YUV	51.3080, -0.1518, 48.8419
Hunter-Lab	19.9439, 27.4564, 3.4592

Details

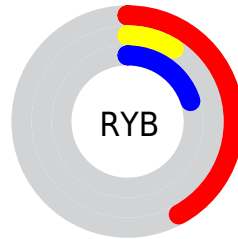
The Hex color **6B1733** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **176B4F**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **A24B61**, and **380004** is the 20% darker color. If you saturate the color by 10%, you get **6B0C2C**, and if you desaturate by 10%, it is **6B223A**.

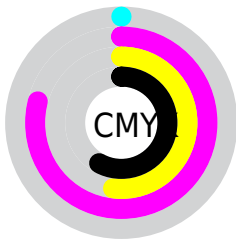
Distribution



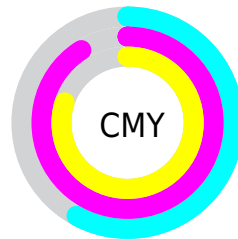
- Red (42%)
- Green (9%)
- Blue (20%)



- Red (42%)
- Yellow (9%)
- Blue (20%)



- Cyan (0%)
- Magenta (79%)
- Yellow (52%)
- Black (58%)



- Cyan (58%)
- Magenta (91%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B1733 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 6B1733 by changing the saturation by 10% instead.

 6B1733

 6B1733

FFFFFF

 50001E

 A24B61

 380004

 BF647A

 170000

 DC7E94

 000000

 F999AE

 FF84C9

 FFD1E6

 FFEDFF

 6B1733

 6B1733

■ 6B0C2C

■ 6B223A

■ 6B0225

■ 6B2C41

■ 6B0024

■ 6B3748

■ 6B4250

■ 6B4D57

■ 6B575E

■ 6B6265

■ 6B6D6C

■ 6B7773

Harmonies

Analogous

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



5F1E50



6B1733



672017

Triad

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



6B1733



204001



00416E

Complementary

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



6B1733



176B4F

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.



00455A



6B1733



004420

Square

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



6B1733



403900



00453E



003A72

Rectangle

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



6B1733



5D2A03



00453E



004369

Sweetspot

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



6B1733



8C6B76



4F176B



47333A



C7C7C7



474747

Same Dimension

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



6B1733



8C0834



6B2517



363032



750027



F50052

Inverse Universe

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



6B1733



8C0834



175D6B



363032



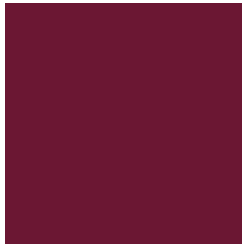
750027



F50052

Previews

White Background



This preview shows how the Hex color 6B1733 looks on a white background.

Color Contrast Check

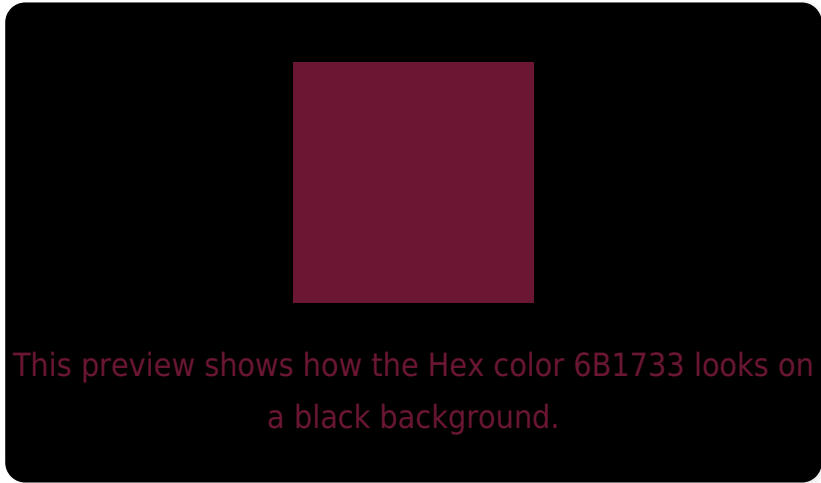
Large Text (above 18pt) WCAG AA ✓ Pass

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 6B1733 Background



This preview shows how black text looks on a background with the Hex color 6B1733.



This preview shows how white text looks on a background with the Hex color 6B1733.

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
6B1733

Protanopia
383945

Deuteranopia
43382F



Tritanopia
6A1D1E

Trichromacy



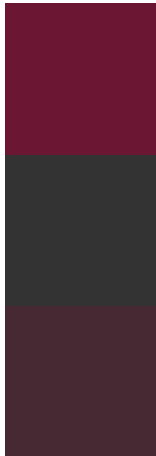
Original Color
6B1733

Protanomaly
4B2D3E

Deuteranomaly
522C30

Tritanomaly
6A1B26

Monochromacy



Original Color
6B1733

Achromatopsia
333333

Achromatomaly
472933

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B1733 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 #6B1733 looks like.

```
.text, #text, p{  
    color:#6B1733  
}
```

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 #6B1733 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B1733
}
```

Border

The CSS property to change the border of an element to Hex 6B1733 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
#6B1733 }
```

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

```
.border{ border-color:#6B1733 }
```

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

Here you see how a box with a 4 pixel #6B1733 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B1733; -webkit-box-shadow:4px 4px  
4px 4px #6B1733; box-shadow:4px 4px 4px  
4px #6B1733 }
```

Background

The CSS property to change the background color of an element to Hex 6B1733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B1733 }
```

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

```
.background{ background-color:#6B1733 }
```

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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