

Converting Colors

Hex(6B1A31)

Have a look what the booklet for
Hex(6B1A31) contains.

Hex(6B1A31)	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(6B1A31)

Conversions

Conversions Part 1

Format	Color
Hex	6B1A31
RGB	107, 26, 49
RGB Percent	42%, 10%, 19%
CMY	0.5804, 0.8980, 0.8078
CMYK	0.00, 0.76, 0.54, 0.58
HSL	343°, 61%, 26%
HSV	343°, 76%, 42%
XYZ	6.9872, 4.0863, 3.3262
YIQ	52.8410, 40.8930, 24.3250

Conversions

Conversions Part 2

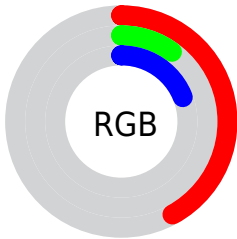
Format	Color
R_{YB}	107, 26, 49
Decimal	7019057
CIE Lab	23.95, 37.24, 6.37
CIE LCh	24, 37.776, 9.703
Yxy	4.0863, 0.4852, 0.2838
Android (android.graphics.Color)	4285209137 (0xFF6B1A31)
YUV	52.8410, -1.8936, 47.4974
Hunter-Lab	20.2147, 26.3225, 4.3945

Details

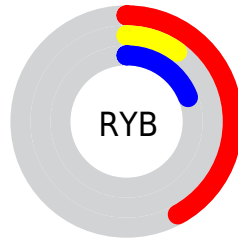
The Hex color **6B1A31** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **1A6B54**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **A24D5F**, and **380001** is the 20% darker color. If you saturate the color by 10%, you get **6B0F29**, and if you desaturate by 10%, it is **6B2539**.

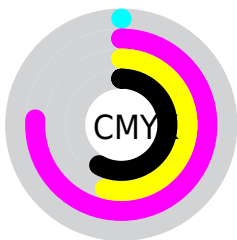
Distribution



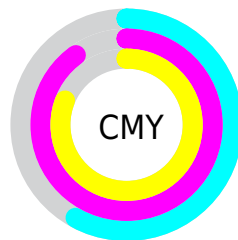
- Red (42%)
- Green (10%)
- Blue (19%)



- Red (42%)
- Yellow (10%)
- Blue (19%)



- Cyan (0%)
- Magenta (76%)
- Yellow (54%)
- Black (58%)



- Cyan (58%)
- Magenta (90%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B1A31 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 6B1A31 by changing the saturation by 10% instead.

 6B1A31

 6B1A31

FFFFFF

 50001C

 A24D5F

 380001

 BF6678

 170001

 DC8091

 000000

 F99BAC

 FFB6C7

 FFD3E3

 FFEFFF

 6B1A31

 6B1A31

■ 6B0F29

■ 6B2539

■ 6B0522

■ 6B2F40

■ 6B001E

■ 6B3A48

■ 6B4550

■ 6B5057

■ 6B5A5F

■ 6B6567

■ 6B706E

■ 6B7A76

Harmonies

Analogous

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



611F4D



6B1A31



662316

Triad

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



6B1A31



1E4107



00416E

Complementary

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



6B1A31



1A6B54

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.



00455D



6B1A31



004524

Square

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



6B1A31



3E3B00



004642



003971

Rectangle

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



6B1A31



5C2C03



004642



00436A

Sweetspot

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



6B1A31



8C6C75



531A6B



473339



C7C7C7



474747

Same Dimension

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



6B1A31



8C0D31



6B2A1A



363032



750021



F50046

Inverse Universe

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



6B1A31



8C0D31



1A5B6B



363032



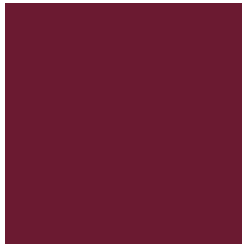
750021



F50046

Previews

White Background



This preview shows how the Hex color 6B1A31 looks on a white background.

Color Contrast Check

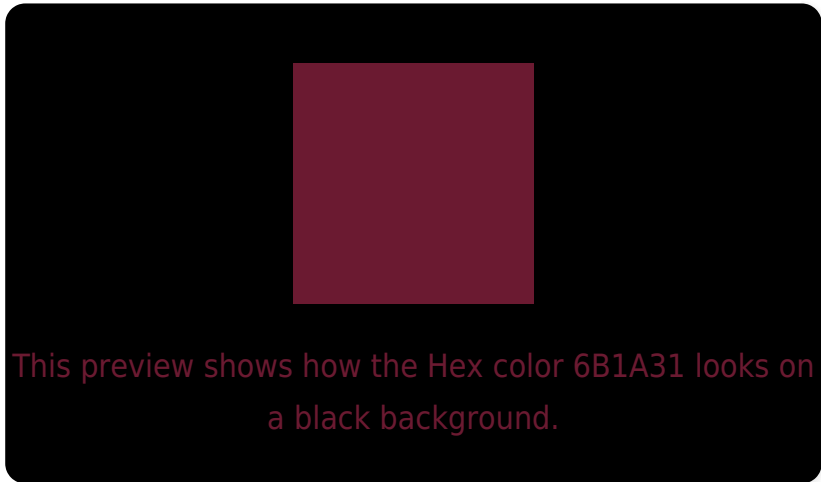
Large Text (above 18pt) WCAG AA ✓ Pass

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 6B1A31 Background



This preview shows how black text looks on a background with the Hex color 6B1A31.



This preview shows how white text looks on a background with the Hex color 6B1A31.

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
6B1A31

Protanopia
3A3A41

Deuteranopia
45382D



Tritanopia
6A1E1F

Trichromacy



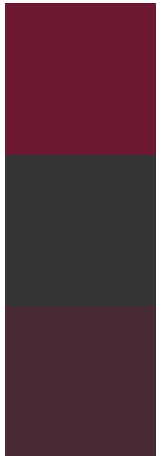
Original Color
6B1A31

Protanomaly
4C2E3B

Deuteranomaly
532D2E

Tritanomaly
6A1D26

Monochromacy



Original Color
6B1A31

Achromatopsia
353535

Achromatomaly
492B34

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B1A31 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 #6B1A31 looks like.

```
.text, #text, p{  
    color:#6B1A31  
}
```

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 #6B1A31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B1A31
}
```

Border

The CSS property to change the border of an element to Hex 6B1A31 is called "border". The border property can be set on classes, ids or directly on the HTML element.

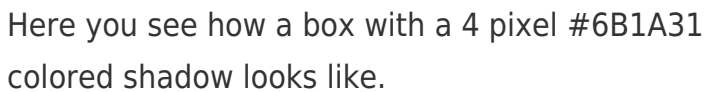
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B1A31 }
```

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

```
.border{ border-color:#6B1A31 }
```

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



Here you see how a box with a 4 pixel #6B1A31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B1A31; -webkit-box-shadow:4px 4px  
4px 4px #6B1A31; box-shadow:4px 4px 4px  
4px #6B1A31 }
```

Background

The CSS property to change the background color of an element to Hex 6B1A31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B1A31 }
```

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

```
.background{ background-color:#6B1A31 }
```

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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