

# Converting Colors

Hex(6B1C26)

Have a look what the booklet for  
Hex(6B1C26) contains.

<b>Hex(6B1C26)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(6B1C26)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B1C26
RGB	107, 28, 38
RGB Percent	42%, 11%, 15%
CMY	0.5804, 0.8902, 0.8510
CMYK	0.00, 0.74, 0.64, 0.58
HSL	352°, 59%, 26%
HSV	352°, 74%, 42%
XYZ	6.8285, 4.0962, 2.2645
YIQ	52.7610, 43.8740, 19.8580

# Conversions

## Conversions Part 2

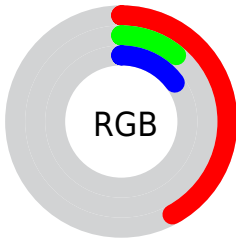
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 28, 38
Decimal	7019558
CIE Lab	23.99, 35.50, 13.94
CIE LCh	24, 38.139, 21.443
Yxy	4.0962, 0.5177, 0.3106
Android (android.graphics.Color)	4285209638 (0xFF6B1C26)
YUV	52.7610, -7.2772, 47.5676
Hunter-Lab	20.2392, 24.8056, 7.5337

# Details

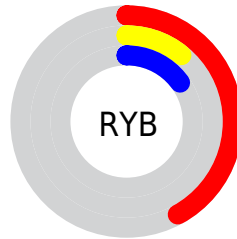
The Hex color **6B1C26** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **1C6B61**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **A34E53**, and **370000** is the 20% darker color. If you saturate the color by 10%, you get **6B111D**, and if you desaturate by 10%, it is **6B272F**.

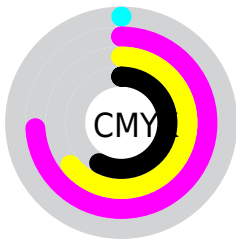
# Distribution



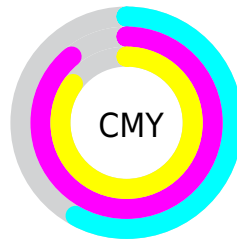
- Red (42%)
- Green (11%)
- Blue (15%)



- Red (42%)
- Yellow (11%)
- Blue (15%)



- Cyan (0%)
- Magenta (74%)
- Yellow (64%)
- Black (58%)



- Cyan (58%)
- Magenta (89%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B1C26 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 6B1C26 by changing the saturation by 10% instead.



 6B1C26

 6B1C26

FFFFFF

 500012

 A34E53

 370000

 C0676B

 150000

 DD8184

 000000

 FB9C9E

 FFB7B9

 FFD3D5

 FFF0F1

 6B1C26

 6B1C26

■ 6B111D

■ 6B272F

■ 6B0713

■ 6B3139

■ 6B000E

■ 6B3C42

■ 6B474B

■ 6B5255

■ 6B5C5E

■ 6B6767

■ 6B7271

■ 6B7C7A

# Harmonies

## Analogous

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



681B43



6B1C26



61280B

# Triad

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



6B1C26



074312



003F72

# Complementary

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



6B1C26



1C6B61

# 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.



004466



6B1C26



004530

# Square

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



6B1C26



333E00



00464D



26356F

# Rectangle

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



6B1C26



553100



00464D



00416F



# Sweetspot

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



6B1C26



8C6D71



601C6B



473537



C7C7C7



474747



# Same Dimension

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



6B1C26



8C0F1F



6B391C



363031



75000F



F5001F



# Inverse Universe

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



6B1C26



8C0F1F



1C4E6B



363031



75000F

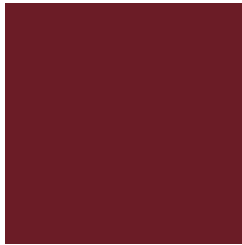


F5001F



# Previews

## White Background



This preview shows how the Hex color 6B1C26 looks on a white background.

## Color Contrast Check

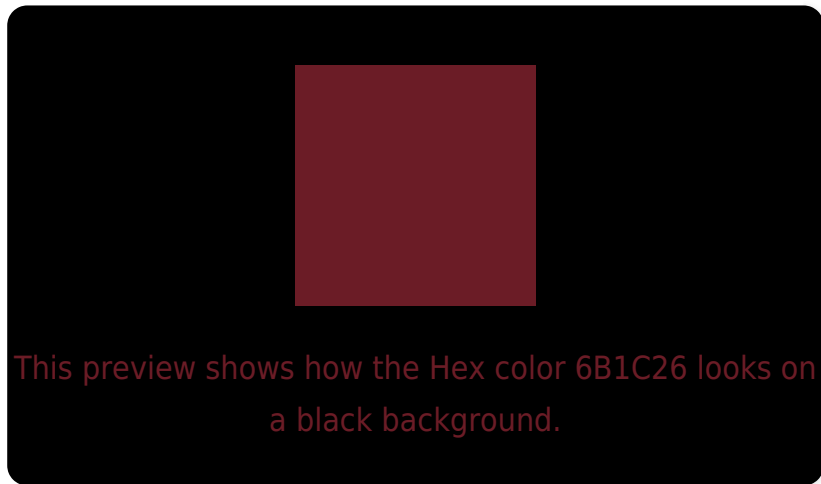
Large Text (above 18pt) WCAG AA ✓ Pass

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

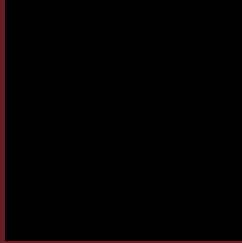
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6B1C26 Background



This preview shows how black text looks on a background with the Hex color 6B1C26.



This preview shows how white text looks on a background with the Hex color 6B1C26.

# 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**  
6B1C26

**Protanopia**  
3E3A33

**Deuteranopia**  
473822



**Tritanopia**  
6B1D1F

# Trichromacy



**Original Color**  
6B1C26

**Protanomaly**  
4E2F2E

**Deuteranomaly**  
542E23

**Tritanomaly**  
6B1D22

# Monochromacy



**Original Color**  
6B1C26

**Achromatopsia**  
353535

**Achromatomaly**  
492C30

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B1C26 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 #6B1C26 looks like.

```
.text, #text, p{  
    color:#6B1C26  
}
```

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 #6B1C26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B1C26
}
```

## Border

The CSS property to change the border of an element to Hex 6B1C26 is called "border". The border property can be set on classes, ids or directly on the HTML element.

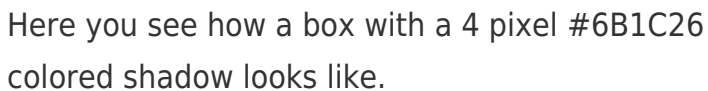
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B1C26 }
```

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

```
.border{ border-color:#6B1C26 }
```

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



Here you see how a box with a 4 pixel #6B1C26 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B1C26; -webkit-box-shadow:4px 4px  
4px 4px #6B1C26; box-shadow:4px 4px 4px  
4px #6B1C26 }
```

# Background

The CSS property to change the background color of an element to Hex 6B1C26 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B1C26 }
```

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

```
.background{ background-color:#6B1C26 }
```

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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