

Converting Colors

Hex(6B251F)

Have a look what the booklet for
Hex(6B251F) contains.

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Color

Hex(6B251F)

Conversions

Conversions Part 1

Format	Color
Hex	6B251F
RGB	107, 37, 31
RGB Percent	42%, 15%, 12%
CMY	0.5804, 0.8549, 0.8784
CMYK	0.00, 0.65, 0.71, 0.58
HSL	5°, 55%, 27%
HSV	5°, 71%, 42%
XYZ	6.9723, 4.5479, 1.8067
YIQ	57.2460, 43.6460, 12.9740

Conversions

Conversions Part 2

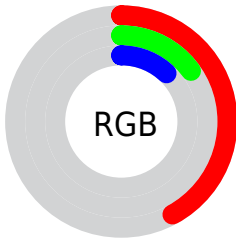
Format	Color
R_{YB}	107, 38, 31
Decimal	7021855
CIE Lab	25.41, 30.83, 20.38
CIE LCh	25, 36.959, 33.460
Yxy	4.5479, 0.5232, 0.3413
Android (android.graphics.Color)	4285211935 (0xFF6B251F)
YUV	57.2460, -12.9393, 43.6343
Hunter-Lab	21.3257, 21.0393, 9.9051

Details

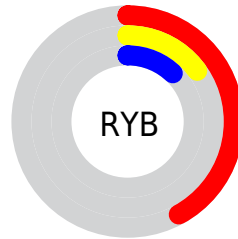
The Hex color **6B251F** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **1F656B**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **A3554B**, and **360000** is the 20% darker color. If you saturate the color by 10%, you get **6B1B14**, and if you desaturate by 10%, it is **6B2F2A**.

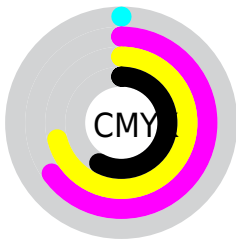
Distribution



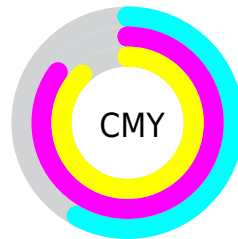
- Red (42%)
- Green (15%)
- Blue (12%)



- Red (42%)
- Yellow (15%)
- Blue (12%)



- Cyan (0%)
- Magenta (65%)
- Yellow (71%)
- Black (58%)



- Cyan (58%)
- Magenta (85%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B251F 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 6B251F by changing the saturation by 10% instead.



6B251F



6B251F

FFFFFF



500C08



A3554B



360000



C06F63



170000



DD897C



000000



FBA396



FFBFB1



FFDBCC



FFF8E8



6B251F



6B251F

■ 6B1B14

■ 6B2F2A

■ 6B110A

■ 6B3934

■ 6B0800

■ 6B433F

■ 6B4C4A

■ 6B5655

■ 6B605F

■ 6B6A6A

■ 6B7475

■ 6B7E7F

Harmonies

Analogous

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



6D1F3A



6B251F



5D3106

Triad

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



6B251F



004722



003F74

Complementary

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



6B251F



1F656B

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.



00466E



6B251F



00493F

Square

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



6B251F



2A4307



00495A



40336B

Rectangle

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



6B251F



4F3900



00495A



004174

Sweetspot

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



6B251F



8C716F



6B1F66



473736



C7C7C7



474747

Same Dimension

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



6B251F



8C1E15



6B4A1F



363130



750900



F51300

Inverse Universe

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



1F656B



15838C



1F406B



303536



006C75



00E1F5

Previews

White Background



This preview shows how the Hex color 6B251F looks on a white background.

Color Contrast Check

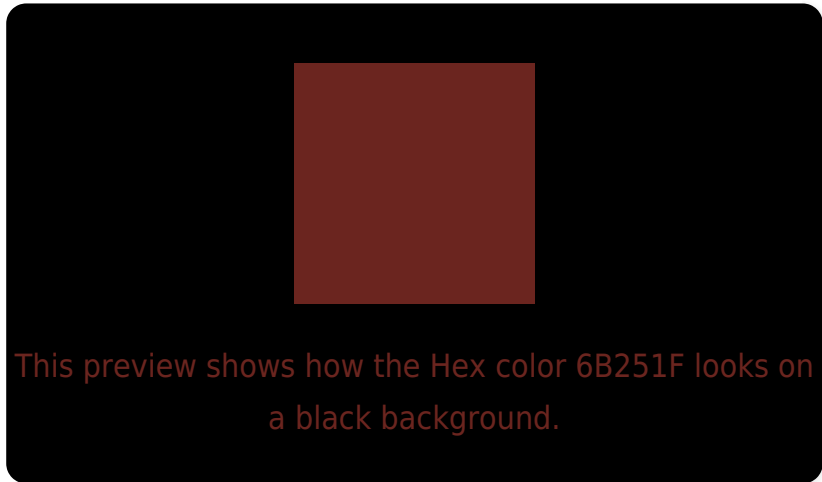
Large Text (above 18pt) WCAG AA ✓ Pass

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

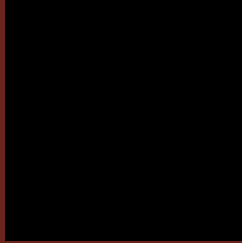
Any Text WCAG AA × Fail

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 6B251F Background



This preview shows how black text looks on a background with the Hex color 6B251F.

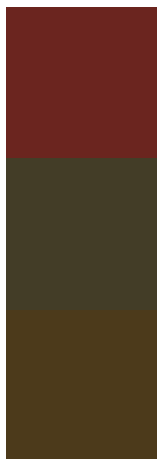


This preview shows how white text looks on a background with the Hex color 6B251F.

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
6B251F

Protanopia
433D27

Deuteranopia
4C3A1B



Tritanopia
6B2426

Trichromacy



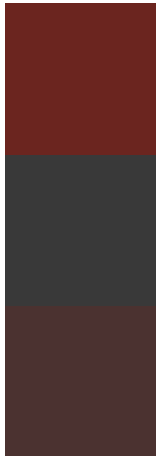
Original Color
6B251F

Protanomaly
523424

Deuteranomaly
57321C

Tritanomaly
6B2423

Monochromacy



Original Color
6B251F

Achromatopsia
393939

Achromatomaly
4B3230

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B251F 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 #6B251F looks like.

```
.text, #text, p{  
    color:#6B251F  
}
```

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 #6B251F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B251F
}
```

Border

The CSS property to change the border of an element to Hex 6B251F is called "border". The border property can be set on classes, ids or directly on the HTML element.

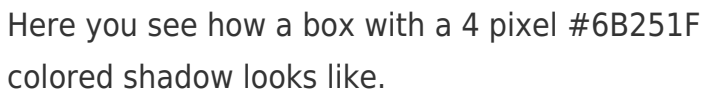
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B251F }
```

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

```
.border{ border-color:#6B251F }
```

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



Here you see how a box with a 4 pixel #6B251F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B251F; -webkit-box-shadow:4px 4px  
4px 4px #6B251F; box-shadow:4px 4px 4px  
4px #6B251F }
```

Background

The CSS property to change the background color of an element to Hex 6B251F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B251F }
```

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

```
.background{ background-color:#6B251F }
```

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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