

Converting Colors

Hex(6B491D)

Have a look what the booklet for
Hex(6B491D) contains.

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Color

Hex(6B491D)

Conversions

Conversions Part 1

Format	Color
Hex	6B491D
RGB	107, 73, 29
RGB Percent	42%, 29%, 11%
CMY	0.5804, 0.7137, 0.8863
CMYK	0.00, 0.32, 0.73, 0.58
HSL	34°, 57%, 27%
HSV	34°, 73%, 42%
XYZ	8.6677, 7.9796, 2.2458
YIQ	78.1500, 34.3880, -6.4760

Conversions

Conversions Part 2

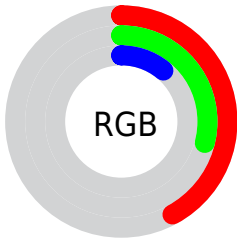
Format	Color
R_{YB}	89, 107, 29
Decimal	7031069
CIE _{Lab}	33.94, 9.80, 31.26
CIE _{LCh}	34, 32.755, 72.597
Yxy	7.9796, 0.4588, 0.4224
Android (android.graphics.Color)	4285221149 (0xFF6B491D)
YUV	78.1500, -24.2309, 25.3015
Hunter-Lab	28.2482, 5.3369, 15.0601

Details

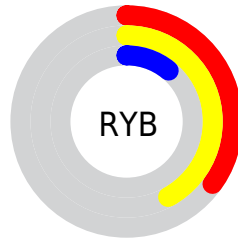
The Hex color **6B491D** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **1D3F6B**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **A17A4B**, and **381D00** is the 20% darker color. If you saturate the color by 10%, you get **6B4412**, and if you desaturate by 10%, it is **6B4E28**.

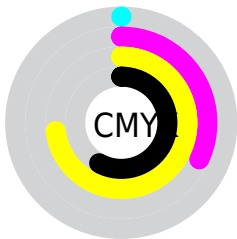
Distribution



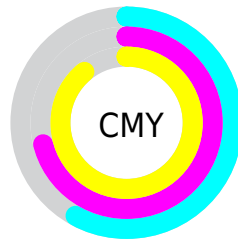
- Red (42%)
- Green (29%)
- Blue (11%)



- Red (35%)
- Yellow (42%)
- Blue (11%)



- Cyan (0%)
- Magenta (32%)
- Yellow (73%)
- Black (58%)



- Cyan (58%)
- Magenta (71%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B491D 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 6B491D by changing the saturation by 10% instead.

 6B491D

 6B491D

FFFFFF

 513205

 A17A4B

 381D00

 BD9364

 200600

 DAAE7D

 000000

 F7C997

 FFE5B2

 FFFFCE

 FFFFEA

 6B491D

 6B491D

■ 6B4412

■ 6B4E28

■ 6B4008

■ 6B5232

■ 6B3C00

■ 6B573D

■ 6B5C48

■ 6B6052

■ 6B655D

■ 6B6A68

■ 6B6E73

■ 6B737D

Harmonies

Analogous

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



7B3F2E



6B491D



54521A

Triad

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



6B491D



005D5A



604476

Complementary

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



6B491D



1D3F6B

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.



364F83



6B491D



005B72

Square

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



6B491D



025C3F



005781



783B60

Rectangle

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



6B491D



425622



005781



54487C

Sweetspot

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



6B491D



8C7F6D



6B1D40



473F35



C7C7C7



474747

Same Dimension

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



6B491D



8C5712



676B1D



363330



754200



F58A00

Inverse Universe

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



1D3F6B



12478C



211D6B



303336



003375



006BF5

Previews

White Background



This preview shows how the Hex color 6B491D looks on a white background.

Color Contrast Check

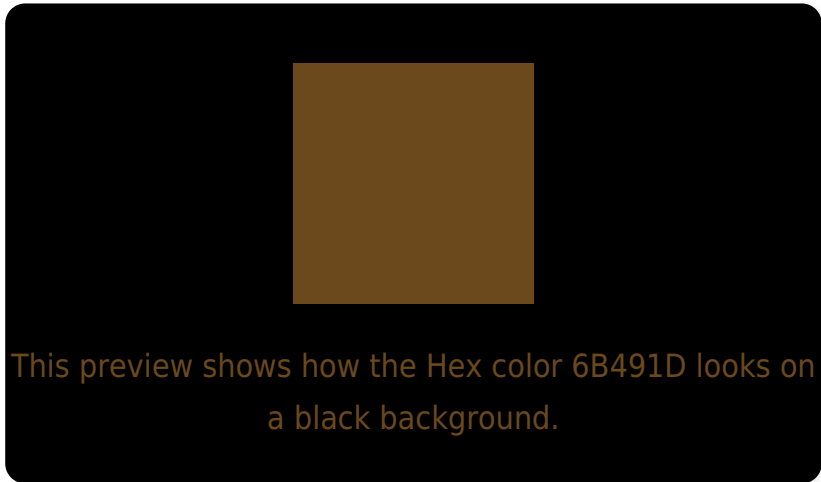
Large Text (above 18pt) WCAG AA ✓ Pass

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

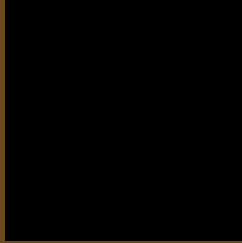
Any Text WCAG AA × Fail

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 6B491D Background



This preview shows how black text looks on a background with the Hex color 6B491D.



This preview shows how white text looks on a background with the Hex color 6B491D.

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
6B491D

Protanopia
59501F

Deuteranopia
644C1C



Tritanopia
6E444A

Trichromacy



Original Color
6B491D

Protanomaly
604D1E

Deuteranomaly
674B1C

Tritanomaly
6D463A

Monochromacy



Original Color
6B491D

Achromatopsia
4E4E4E

Achromatomaly
594C3C

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B491D 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 #6B491D looks like.

```
.text, #text, p{  
    color:#6B491D  
}
```

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 #6B491D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B491D
}
```

Border

The CSS property to change the border of an element to Hex 6B491D 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
#6B491D }
```

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

```
.border{ border-color:#6B491D }
```

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

Here you see how a box with a 4 pixel #6B491D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B491D; -webkit-box-shadow:4px 4px  
4px 4px #6B491D; box-shadow:4px 4px 4px  
4px #6B491D }
```

Background

The CSS property to change the background color of an element to Hex 6B491D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B491D }
```

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

```
.background{ background-color:#6B491D }
```

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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