

Converting Colors

Hex(6B0B2E)

Have a look what the booklet for
Hex(6B0B2E) contains.

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Color

Hex(6B0B2E)

Conversions

Conversions Part 1

Format	Color
Hex	6B0B2E
RGB	107, 11, 46
RGB Percent	42%, 4%, 18%
CMY	0.5804, 0.9569, 0.8196
CMYK	0.00, 0.90, 0.57, 0.58
HSL	338°, 81%, 23%
HSV	338°, 90%, 42%
XYZ	6.6762, 3.5624, 2.9205
YIQ	43.6940, 45.9810, 31.2370

Conversions

Conversions Part 2

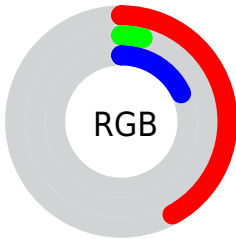
Format	Color
RYB	107, 11, 46
Decimal	7015214
CIELab	22.17, 41.78, 5.94
CIElCh	22, 42.201, 8.091
Yxy	3.5624, 0.5073, 0.2707
Android (android.graphics.Color)	4285205294 (0xFF6B0B2E)
YUV	43.6940, 1.1369, 55.5194
Hunter-Lab	18.8743, 30.1089, 4.0378

Details

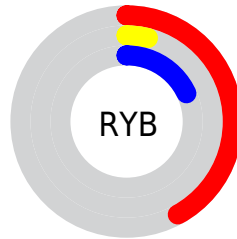
The Hex color **6B0B2E** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **0B6B48**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **A3435B**, and **380001** is the 20% darker color. If you saturate the color by 10%, you get **6B0027**, and if you desaturate by 10%, it is **6B1635**.

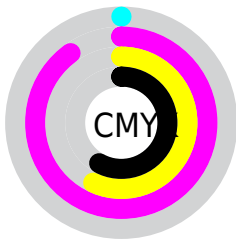
Distribution



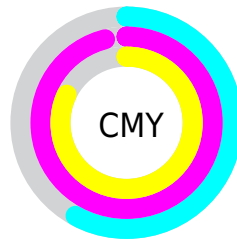
- Red (42%)
- Green (4%)
- Blue (18%)



- Red (42%)
- Yellow (4%)
- Blue (18%)



- Cyan (0%)
- Magenta (90%)
- Yellow (57%)
- Black (58%)



- Cyan (58%)
- Magenta (96%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B0B2E 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 6B0B2E by changing the saturation by 10% instead.

 6B0B2E

 6B0B2E

FFFFFF

 50001A

 A3435B

 380001

 C05D74

 130000

 DD778D

 000000

 FB92A8

 FFAEC3

 FFCADF

 FFE6FB

 6B0B2E

 6B0B2E

■ 6B0027

■ 6B1635

■ 6B203C

■ 6B2B42

■ 6B3649

■ 6B4150

■ 6B4B57

■ 6B565E

■ 6B6164

■ 6B6B6B

Harmonies

Analogous

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



60154D



6B0B2E



651A10

Triad

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



6B0B2E



183D00



003F6F

Complementary

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



6B0B2E



0B6B48

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.



00425B



6B0B2E



00411C

Square

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



6B0B2E



3B3600



00423D



003674

Rectangle

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



6B0B2E



5B2500



00423D



00406A

Sweetspot

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



6B0B2E



8C6674



480B6B



473139



C7C7C7



474747

Same Dimension

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



6B0B2E



8C0033



6B180B



363032



75002B



F50059

Inverse Universe

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



6B0B2E



8C0033



0B5E6B



363032



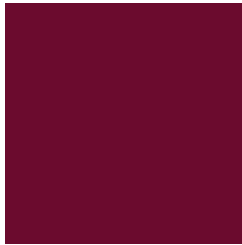
75002B



F50059

Previews

White Background



This preview shows how the Hex color 6B0B2E looks on a white background.

Color Contrast Check

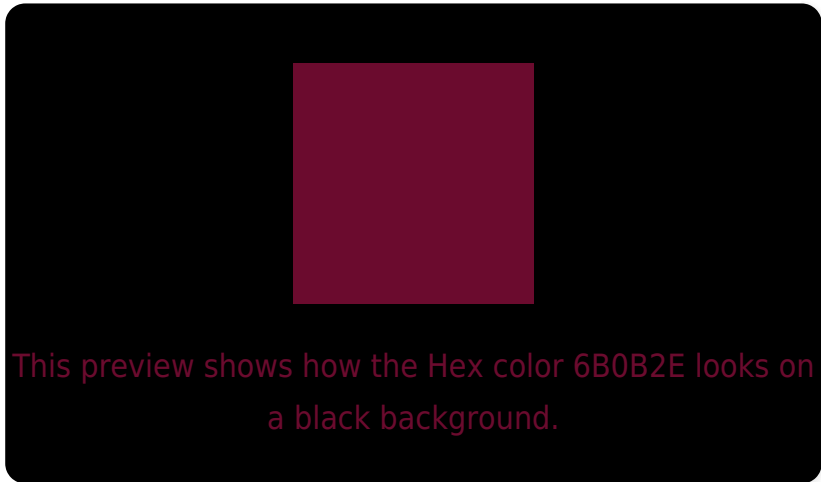
Large Text (above 18pt) WCAG AA ✓ Pass

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

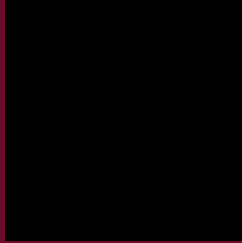
Any Text WCAG AA × Fail

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 6B0B2E Background



This preview shows how black text looks on a background with the Hex color 6B0B2E.



This preview shows how white text looks on a background with the Hex color 6B0B2E.

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
6B0B2E

Protanopia
363742

Deuteranopia
42352A



Tritanopia
6A1514

Trichromacy



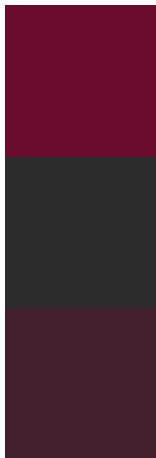
Original Color
6B0B2E

Protanomaly
49273B

Deuteranomaly
51262B

Tritanomaly
6A111D

Monochromacy



Original Color
6B0B2E

Achromatopsia
2C2C2C

Achromatomaly
43202D

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B0B2E 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 #6B0B2E looks like.

```
.text, #text, p{  
    color:#6B0B2E  
}
```

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 #6B0B2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B0B2E
}
```

Border

The CSS property to change the border of an element to Hex 6B0B2E is called "border". The border property can be set on classes, ids or directly on the HTML element.

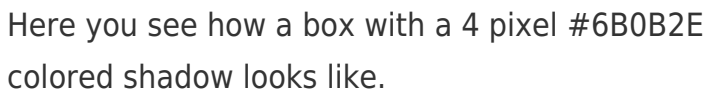
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B0B2E }
```

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

```
.border{ border-color:#6B0B2E }
```

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



Here you see how a box with a 4 pixel #6B0B2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B0B2E; -webkit-box-shadow:4px 4px  
4px 4px #6B0B2E; box-shadow:4px 4px 4px  
4px #6B0B2E }
```

Background

The CSS property to change the background color of an element to Hex 6B0B2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B0B2E }
```

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

```
.background{ background-color:#6B0B2E }
```

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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