

Converting Colors

Hex(6B0E48)

Have a look what the booklet for
Hex(6B0E48) contains.

Hex(6B0E48)	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(6B0E48)

Conversions

Conversions Part 1

Format	Color
Hex	6B0E48
RGB	107, 14, 72
RGB Percent	42%, 5%, 28%
CMY	0.5804, 0.9451, 0.7176
CMYK	0.00, 0.87, 0.33, 0.58
HSL	323°, 77%, 24%
HSV	323°, 87%, 42%
XYZ	7.3901, 3.9078, 6.4957
YIQ	48.4190, 36.8100, 37.7540

Conversions

Conversions Part 2

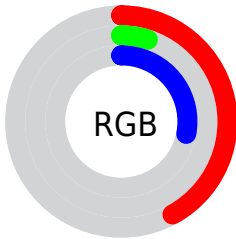
Format	Color
R_{YB}	107, 14, 72
Decimal	7016008
CIE _{Lab}	23.36, 43.73, -10.28
CIE _{LCh}	23, 44.926, 346.774
Yxy	3.9078, 0.4153, 0.2196
Android (android.graphics.Color)	4285206088 (0xFF6B0E48)
YUV	48.4190, 11.6254, 51.3755
Hunter-Lab	19.7680, 32.1369, -5.6447

Details

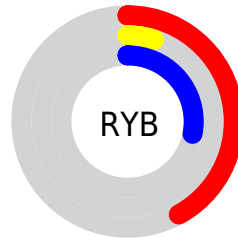
The Hex color **6B0E48** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **0E6B31**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **A24679**, and **38001D** is the 20% darker color. If you saturate the color by 10%, you get **6B0344**, and if you desaturate by 10%, it is **6B194C**.

Distribution



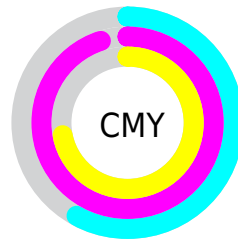
- Red (42%)
- Green (5%)
- Blue (28%)



- Red (42%)
- Yellow (5%)
- Blue (28%)



- Cyan (0%)
- Magenta (87%)
- Yellow (33%)
- Black (58%)



- Cyan (58%)
- Magenta (95%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B0E48 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 6B0E48 by changing the saturation by 10% instead.

 6B0E48

 6B0E48

FFFFFF

 510031

 A24679

 38001D

 BE6092

 1D0001

 DB7AAD

 000000

 F895C8

 FFB1E4

 FFCDDF

 FFEAFD

 6B0E48

 6B0E48

 6B0344

 6B194C

 6B0043

 6B2350

 6B2E54

 6B3958

 6B435C

 6B4E60

 6B5964

 6B6468

 6B6E6C

Harmonies

Analogous

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



4F2466



6B0E48



710B27

Triad

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



6B0E48



343C00



004568

Complementary

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



6B0E48



0E6B31

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.



00464A



6B0E48



004200

Square

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



6B0E48



523100



004527



00407A

Rectangle

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



6B0E48



6C1911



004527



00465F

Sweetspot

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



6B0E48



8C687F



300E6B



47313F



C7C7C7



474747

Same Dimension

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



6B0E48



8C0057



6B0E1A



363034



750049



F50099

Inverse Universe

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



6B0E48



8C0057



0E6B5F



363034



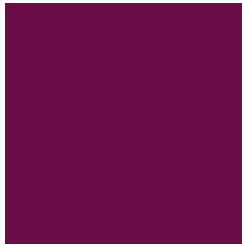
750049



F50099

Previews

White Background



This preview shows how the Hex color 6B0E48 looks on a white background.

Color Contrast Check

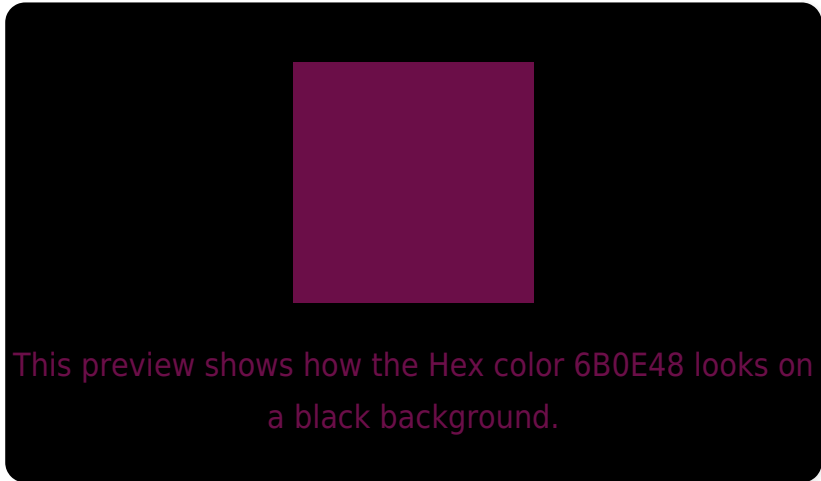
Large Text (above 18pt) WCAG AA ✓ Pass

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

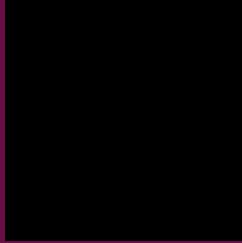
Any Text WCAG AA × Fail

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 6B0E48 Background



This preview shows how black text looks on a background with the Hex color 6B0E48.

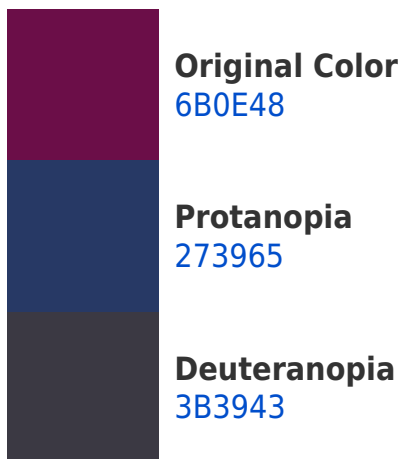


This preview shows how white text looks on a background with the Hex color 6B0E48.

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





Tritanopia
681F20

Trichromacy



Original Color
6B0E48

Protanomaly
40295A

Deuteranomaly
4C2945

Tritanomaly
69192F

Monochromacy



Original Color
6B0E48

Achromatopsia
303030

Achromatomaly
452439

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B0E48 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 #6B0E48 looks like.

```
.text, #text, p{  
    color:#6B0E48  
}
```

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 #6B0E48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B0E48  
}
```

Border

The CSS property to change the border of an element to Hex 6B0E48 is called "border". The border property can be set on classes, ids or directly on the HTML element.

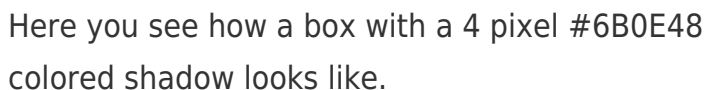
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#6B0E48 }
```

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

```
.border{ border-color:#6B0E48 }
```

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



Here you see how a box with a 4 pixel #6B0E48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B0E48; -webkit-box-shadow:4px 4px  
4px 4px #6B0E48; box-shadow:4px 4px 4px  
4px #6B0E48 }
```

Background

The CSS property to change the background color of an element to Hex 6B0E48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B0E48 }
```

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

```
.background{ background-color:#6B0E48 }
```

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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