

Converting Colors

Hex(6B0B38)

Have a look what the booklet for
Hex(6B0B38) contains.

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Color

Hex(6B0B38)

Conversions

Conversions Part 1

Format	Color
Hex	6B0B38
RGB	107, 11, 56
RGB Percent	42%, 4%, 22%
CMY	0.5804, 0.9569, 0.7804
CMYK	0.00, 0.90, 0.48, 0.58
HSL	332°, 81%, 23%
HSV	332°, 90%, 42%
XYZ	6.8969, 3.6507, 4.0825
YIQ	44.8340, 42.7710, 34.3470

Conversions

Conversions Part 2

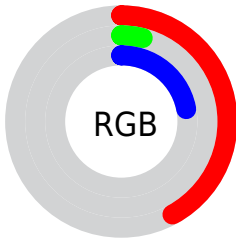
Format	Color
R_{YB}	107, 11, 56
Decimal	7015224
CIE Lab	22.48, 42.68, -0.59
CIE LCh	22, 42.686, 359.204
Yxy	3.6507, 0.4714, 0.2495
Android (android.graphics.Color)	4285205304 (0xFF6B0B38)
YUV	44.8340, 5.5048, 54.5196
Hunter-Lab	19.1067, 30.9958, 0.7062

Details

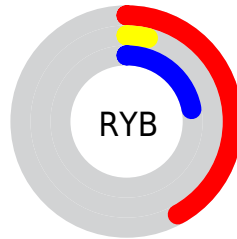
The Hex color **6B0B38** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **0B6B3E**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **A24467**, and **38000C** is the 20% darker color. If you saturate the color by 10%, you get **6B0032**, and if you desaturate by 10%, it is **6B163E**.

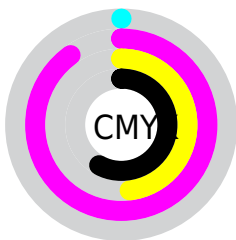
Distribution



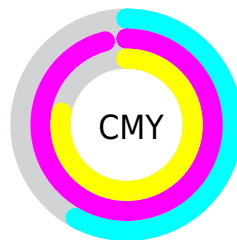
- Red (42%)
- Green (4%)
- Blue (22%)



- Red (42%)
- Yellow (4%)
- Blue (22%)



- Cyan (0%)
- Magenta (90%)
- Yellow (48%)
- Black (58%)



- Cyan (58%)
- Magenta (96%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B0B38 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 6B0B38 by changing the saturation by 10% instead.

 6B0B38

 6B0B38

FFFFFF

 500023

 A24467

 38000C

 BF5E80

 160000

 DC789A

 000000

 FA93B4

 FFAED0

 FFCAEC

 FFE7FF

 6B0B38

 6B0B38

■ 6B0032

■ 6B163E

■ 6B2043

■ 6B2B49

■ 6B364F

■ 6B4154

■ 6B4B5A

■ 6B5660

■ 6B6165

■ 6B6B6B

Harmonies

Analogous

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



5A1B57



6B0B38



6A1519

Triad

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



6B0B38



253D00



00416C

Complementary

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



6B0B38



0B6B3E

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.



004354



6B0B38



004112

Square

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



6B0B38



443400



004334



003A76

Rectangle

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



6B0B38



622101



004334



004266

Sweetspot

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



6B0B38



8C6678



3D0B6B



47313B



C7C7C7



474747

Same Dimension

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



6B0B38



8C0042



6B0D0B



363033



750037



F50073

Inverse Universe

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



6B0B38



8C0042



0B696B



363033



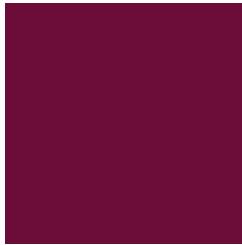
750037



F50073

Previews

White Background



This preview shows how the Hex color 6B0B38 looks on a white background.

Color Contrast Check

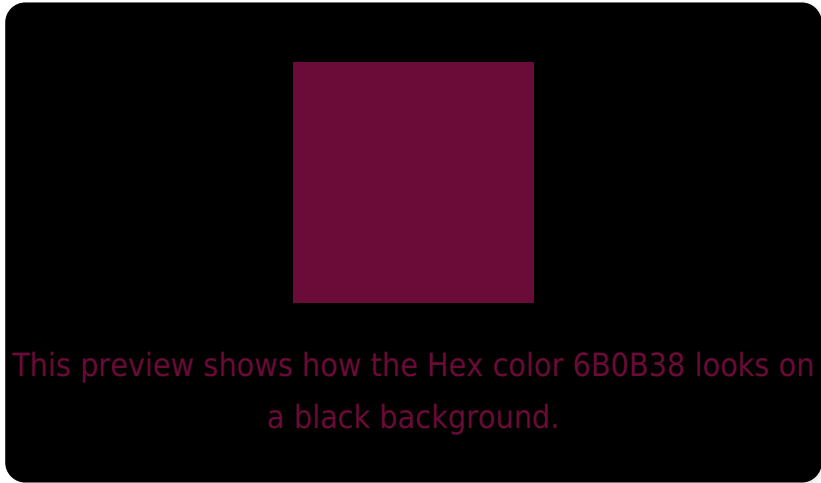
Large Text (above 18pt) WCAG AA ✓ Pass

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

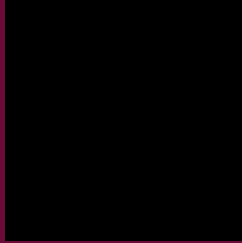
Any Text WCAG AA × Fail

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 6B0B38 Background



This preview shows how black text looks on a background with the Hex color 6B0B38.



This preview shows how white text looks on a background with the Hex color 6B0B38.

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
6B0B38

Protanopia
313850

Deuteranopia
403634



Tritanopia
691818

Trichromacy



Original Color
6B0B38

Protanomaly
462847

Deuteranomaly
502635

Tritanomaly
6A1324

Monochromacy



Original Color
6B0B38

Achromatopsia
2D2D2D

Achromatomaly
442131

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B0B38 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 #6B0B38 looks like.

```
.text, #text, p{  
    color:#6B0B38  
}
```

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 #6B0B38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B0B38
}
```

Border

The CSS property to change the border of an element to Hex 6B0B38 is called "border". The border property can be set on classes, ids or directly on the HTML element.

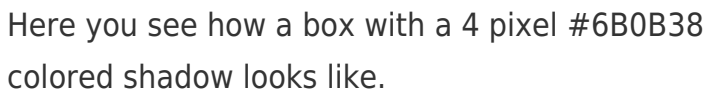
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B0B38 }
```

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

```
.border{ border-color:#6B0B38 }
```

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



Here you see how a box with a 4 pixel #6B0B38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B0B38; -webkit-box-shadow:4px 4px  
4px 4px #6B0B38; box-shadow:4px 4px 4px  
4px #6B0B38 }
```

Background

The CSS property to change the background color of an element to Hex 6B0B38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B0B38 }
```

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

```
.background{ background-color:#6B0B38 }
```

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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