

Converting Colors

Hex(6B0140)

Have a look what the booklet for
Hex(6B0140) contains.

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Color

Hex(6B0140)

Conversions

Conversions Part 1

Format	Color
Hex	6B0140
RGB	107, 1, 64
RGB Percent	42%, 0%, 25%
CMY	0.5804, 0.9961, 0.7490
CMYK	0.00, 0.99, 0.40, 0.58
HSL	324°, 98%, 21%
HSV	324°, 99%, 42%
XYZ	6.9997, 3.5177, 5.1605
YIQ	39.8760, 42.9530, 42.0650

Conversions

Conversions Part 2

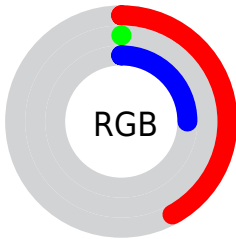
Format	Color
R_{YB}	107, 1, 64
Decimal	7012672
CIE _{Lab}	22.01, 45.75, -6.85
CIE _{LCh}	22, 46.261, 351.488
Yxy	3.5177, 0.4465, 0.2244
Android (android.graphics.Color)	4285202752 (0xFF6B0140)
YUV	39.8760, 11.8931, 58.8677
Hunter-Lab	18.7555, 33.7954, -3.1847

Details

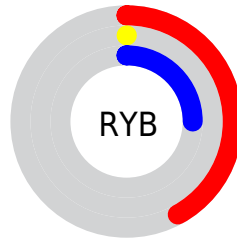
The Hex color **6B0140** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **016B2C**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **A24070**, and **380016** is the 20% darker color. If you saturate the color by 10%, you get **6B0040**, and if you desaturate by 10%, it is **6B0C44**.

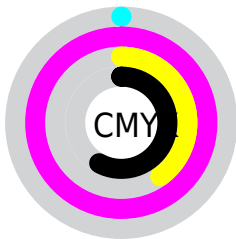
Distribution



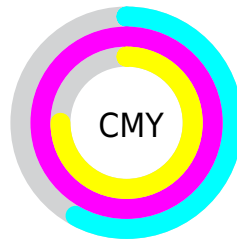
- Red (42%)
- Green (0%)
- Blue (25%)



- Red (42%)
- Yellow (0%)
- Blue (25%)



- Cyan (0%)
- Magenta (99%)
- Yellow (40%)
- Black (58%)



- Cyan (58%)
- Magenta (100%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B0140 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 6B0140 by changing the saturation by 10% instead.

6B0140

6B0140

FFFFFF

50002A

A24070

380016

BF5A89

180001

DC74A3

000000

F98FBE

FFABDA

FFC7F7

FFE4FF

6B0140

6B0140

■ 6B0040

■ 6B0C44

■ 6B1649

■ 6B214D

■ 6B2C51

■ 6B3656

■ 6B415A

■ 6B4C5E

■ 6B5763

■ 6B6167

Harmonies

Analogous

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



531C60



6B0140



6E051E

Triad

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



6B0140



2B3A00



00426A

Complementary

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



6B0140



016B2C

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.



00434D



6B0140



004002

Square

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



6B0140



4A3000



004229



003C79

Rectangle

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



6B0140



671705



004229



004262

Sweetspot

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



6B0140



8C627B



2B016B



472E3D



C7C7C7



474747

Same Dimension

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



6B0140



8C0053



6B010C



363033



750046



F50091

Inverse Universe

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



6B0140



8C0053



016B60



363033



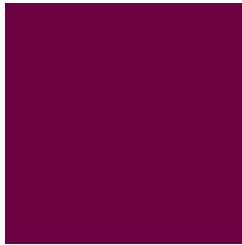
750046



F50091

Previews

White Background



This preview shows how the Hex color 6B0140 looks on a white background.

Color Contrast Check

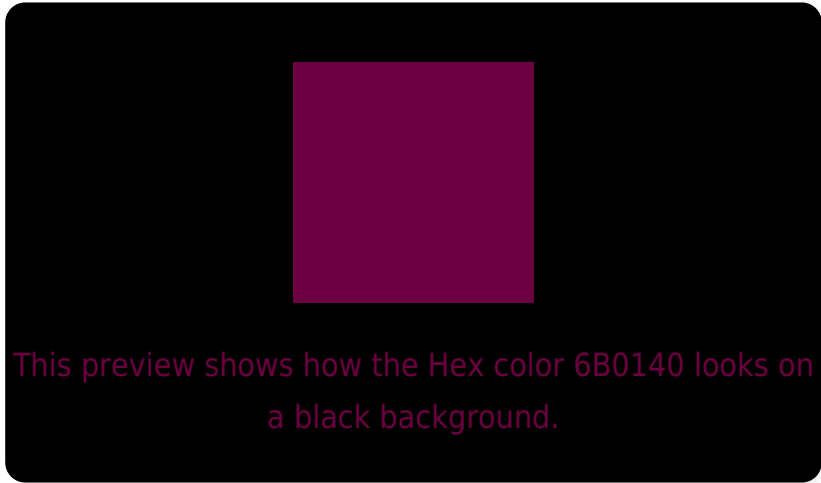
Large Text (above 18pt) WCAG AA ✓ Pass

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

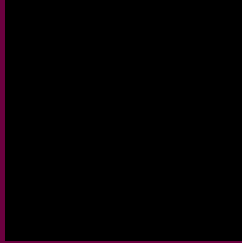
Any Text WCAG AA × Fail

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 6B0140 Background



This preview shows how black text looks on a background with the Hex color 6B0140.



This preview shows how white text looks on a background with the Hex color 6B0140.

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
6B0140

Protanopia
2A375C

Deuteranopia
3D373B



Tritanopia
69191A

Trichromacy



Original Color
6B0140

Protanomaly
422352

Deuteranomaly
4E233D

Tritanomaly
6A1028

Monochromacy



Original Color
6B0140

Achromatopsia
282828

Achromatomaly
401A31

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B0140 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 #6B0140 looks like.

```
.text, #text, p{  
    color:#6B0140  
}
```

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 #6B0140 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B0140
}
```

Border

The CSS property to change the border of an element to Hex 6B0140 is called "border". The border property can be set on classes, ids or directly on the HTML element.

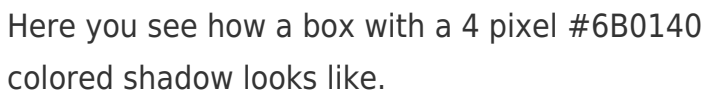
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B0140 }
```

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

```
.border{ border-color:#6B0140 }
```

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



Here you see how a box with a 4 pixel #6B0140 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B0140; -webkit-box-shadow:4px 4px  
4px 4px #6B0140; box-shadow:4px 4px 4px  
4px #6B0140 }
```

Background

The CSS property to change the background color of an element to Hex 6B0140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B0140 }
```

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

```
.background{ background-color:#6B0140 }
```

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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