

Converting Colors

Hex(6C1C70)

Have a look what the booklet for
Hex(6C1C70) contains.

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Color

Hex(6C1C70)

Conversions

Conversions Part 1

Format	Color
Hex	6C1C70
RGB	108, 28, 112
RGB Percent	42%, 11%, 44%
CMY	0.5765, 0.8902, 0.5608
CMYK	0.04, 0.75, 0.00, 0.56
HSL	297°, 60%, 27%
HSV	297°, 75%, 44%
XYZ	9.5242, 5.1885, 15.8287
YIQ	61.4960, 20.7160, 43.0840

Conversions

Conversions Part 2

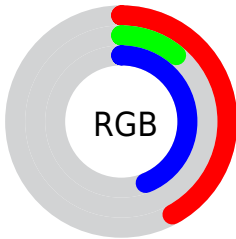
Format	Color
R_{YB}	108, 28, 112
Decimal	7085168
CIE _{Lab}	27.27, 45.75, -30.57
CIE _{LCh}	27, 55.022, 326.252
Yxy	5.1885, 0.3118, 0.1699
Android (android.graphics.Color)	4285275248 (0xFF6C1C70)
YUV	61.4960, 24.8985, 40.7840
Hunter-Lab	22.7783, 34.7737, -25.2561

Details

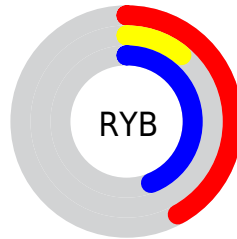
The Hex color **6C1C70** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **20701C**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **A251A4**, and **39003F** is the 20% darker color. If you saturate the color by 10%, you get **6B1170**, and if you desaturate by 10%, it is **6D2770**.

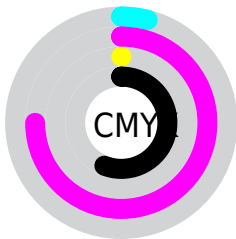
Distribution



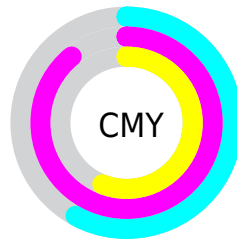
- Red (42%)
- Green (11%)
- Blue (44%)



- Red (42%)
- Yellow (11%)
- Blue (44%)



- Cyan (4%)
- Magenta (75%)
- Yellow (0%)
- Black (56%)



- Cyan (58%)
- Magenta (89%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C1C70 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 6C1C70 by changing the saturation by 10% instead.

 6C1C70

 6C1C70

FFFFFF

 520057

 A251A4

 39003F

 BE6BC0

 230029

 DB85DC

 000113

 F8A0F8

 000000

 FFBCFF

 FFD8FF

 FFF5FF

 6C1C70

 6C1C70

■ 6B1170

■ 6D2770

■ 6B0670

■ 6D3270

■ 6B0070

■ 6E3E70

■ 6E4970

■ 6F5470

■ 6F5F70

■ 706A70

■ 707670

■ 718170

Harmonies

Analogous

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



29388D



6C1C70



850048

Triad

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



6C1C70



543D00



005265

Complementary

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



6C1C70



20701C

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.



00513A



6C1C70



2C4900

Square

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



6C1C70



732900



004F09



005087

Rectangle

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



6C1C70



87002C



004F09



005257

Sweetspot

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



6C1C70



907091



1C2070



49354A



C9C9C9



4A4A4A

Same Dimension

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



6C1C70



8B0F91



701C4A



383238



720078



EC00F7

Inverse Universe

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



701C20



910F15



1C7042



383233



780006



F7000C

Previews

White Background



This preview shows how the Hex color 6C1C70 looks on a white background.

Color Contrast Check

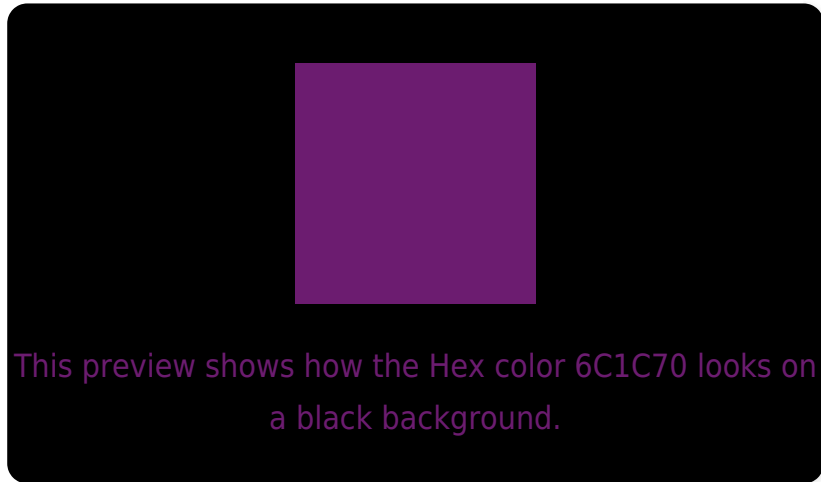
Large Text (above 18pt) WCAG AA ✓ Pass

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

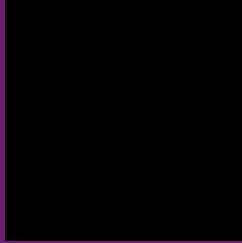
Any Text WCAG AA × Fail

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 6C1C70 Background



This preview shows how black text looks on a background with the Hex color 6C1C70.



This preview shows how white text looks on a background with the Hex color 6C1C70.

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
6C1C70

Protanopia
003F87

Deuteranopia
2A426A



Tritanopia
653235

Trichromacy



Original Color
6C1C70



Protanomaly
27327F



Deuteranomaly
42346C



Tritanomaly
682A4A

Monochromacy



Original Color
6C1C70



Achromatopsia
3D3D3D



Achromatomaly
4E3150

CSS Examples

Text

The CSS property to change the color of the text to Hex 6C1C70 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 #6C1C70 looks like.

```
.text, #text, p{  
    color:#6C1C70  
}
```

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 #6C1C70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C1C70
}
```

Border

The CSS property to change the border of an element to Hex 6C1C70 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
#6C1C70 }
```

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

```
.border{ border-color:#6C1C70 }
```

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

Here you see how a box with a 4 pixel #6C1C70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C1C70; -webkit-box-shadow:4px 4px  
4px 4px #6C1C70; box-shadow:4px 4px 4px  
4px #6C1C70 }
```

Background

The CSS property to change the background color of an element to Hex 6C1C70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C1C70 }
```

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

```
.background{ background-color:#6C1C70 }
```

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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