

# Converting Colors

Hex(6D2170)

Have a look what the booklet for  
Hex(6D2170) contains.

|                                                |    |
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# Color

**Hex(6D2170)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 6D2170                    |
| RGB           | 109, 33, 112              |
| RGB Percent   | 43%, 13%, 44%             |
| CMY           | 0.5725, 0.8706, 0.5608    |
| CMYK          | 0.03, 0.71, 0.00, 0.56    |
| HSL           | 298°, 54%, 28%            |
| HSV           | 298°, 71%, 44%            |
| XYZ           | 9.7752, 5.5088, 15.8773   |
| YIQ           | 64.7300, 19.9370, 40.6810 |

# Conversions

## Conversions Part 2

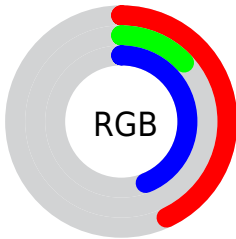
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 109, 33, 112                  |
| Decimal                             | 7151984                       |
| CIE <sub>Lab</sub>                  | 28.14, 44.01, -29.17          |
| CIE <sub>LCh</sub>                  | 28, 52.801, 326.464           |
| Yxy                                 | 5.5088, 0.3137,<br>0.1768     |
| Android<br>(android.graphics.Color) | 4285342064<br>(0xFF6D2170)    |
| YUV                                 | 64.7300, 23.3041,<br>38.8248  |
| Hunter-Lab                          | 23.4708, 33.2682,<br>-23.6785 |

# Details

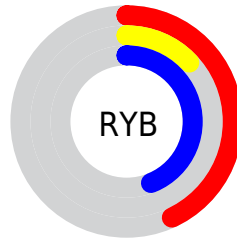
The Hex color **6D2170** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **247021**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **A355A4**, and **3A0040** is the 20% darker color. If you saturate the color by 10%, you get **6D1670**, and if you desaturate by 10%, it is **6D2C70**.

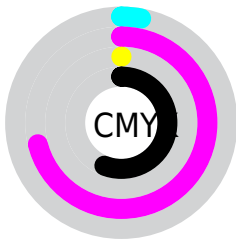
# Distribution



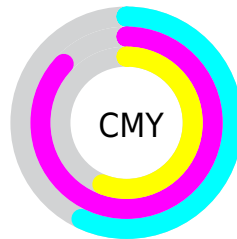
- Red (43%)
- Green (13%)
- Blue (44%)



- Red (43%)
- Yellow (13%)
- Blue (44%)



- Cyan (3%)
- Magenta (71%)
- Yellow (0%)
- Black (56%)



- Cyan (57%)
- Magenta (87%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D2170 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 6D2170 by changing the saturation by 10% instead.



6D2170

6D2170

FFFFFF

530157

A355A4

3A0040

BF6FBF

240029

DB89DB

000113

F9A4F8

000000

FFC0FF

FFDCFF

FFF9FF

6D2170

6D2170

6D1670

6D2C70

6C0B70

6E3770

6C0070

6E4370

6F4E70

6F5970

706470

706F70

707B70

718670

# Harmonies

## Analogous

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



2F3A8C



6D2170



850249

# Triad

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



6D2170



563F00



005366

# Complementary

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



6D2170



247021

# 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.



00533C



6D2170



304A00

# Square

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



6D2170



742C00



00500F



005186

# Rectangle

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



6D2170



87052E



00500F



005358



# Sweetspot

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



6D2170



907391



212570



49374A



C9C9C9



4A4A4A



# Same Dimension

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



6D2170



8D1691



70214C



383238



730078



EE00F7



# Inverse Universe

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



702124



91161A



217045



383233



780005



F70009



# Previews

## White Background



This preview shows how the Hex color 6D2170 looks on a white background.

## Color Contrast Check

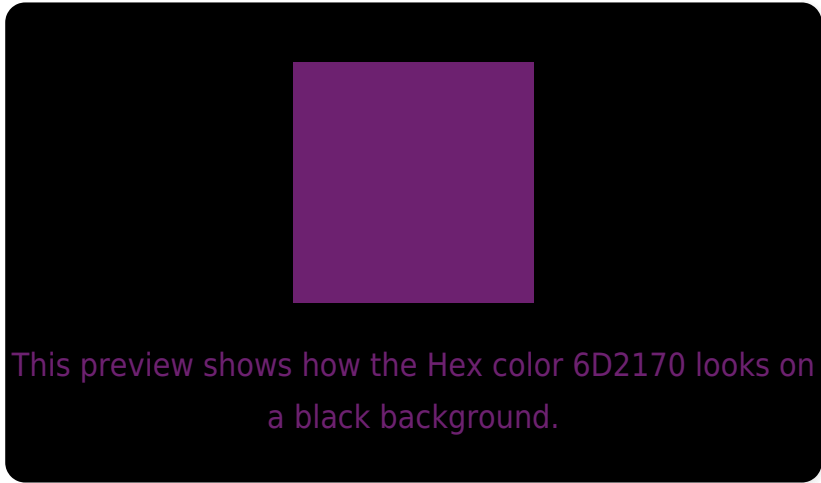
Large Text (above 18pt) WCAG AA ✓ Pass

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

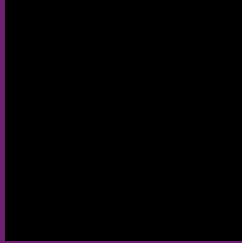
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6D2170 Background



This preview shows how black text looks on a background with the Hex color 6D2170.




This preview shows how white text looks on a background with the Hex color 6D2170.

# 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**  
663438

# Trichromacy



**Original Color**  
6D2170



**Protanomaly**  
283581



**Deuteranomaly**  
45376D



**Tritanomaly**  
692D4C

# Monochromacy



**Original Color**  
6D2170



**Achromatopsia**  
414141



**Achromatomaly**  
513552

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D2170 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 #6D2170 looks like.

```
.text, #text, p{  
    color:#6D2170  
}
```

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 #6D2170 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D2170
}
```

## Border

The CSS property to change the border of an element to Hex 6D2170 is called "border". The border property can be set on classes, ids or directly on the HTML element.

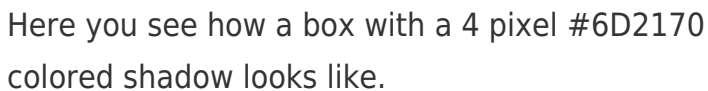
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D2170 }
```

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

```
.border{ border-color:#6D2170 }
```

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



Here you see how a box with a 4 pixel #6D2170 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D2170; -webkit-box-shadow:4px 4px  
4px 4px #6D2170; box-shadow:4px 4px 4px  
4px #6D2170 }
```

# Background

The CSS property to change the background color of an element to Hex 6D2170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D2170 }
```

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

```
.background{ background-color:#6D2170 }
```

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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