

Converting Colors

Hex(6D2275)

Have a look what the booklet for
Hex(6D2275) contains.

Hex(6D2275)	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(6D2275)

Conversions

Conversions Part 1

Format	Color
Hex	6D2275
RGB	109, 34, 117
RGB Percent	43%, 13%, 46%
CMY	0.5725, 0.8667, 0.5412
CMYK	0.07, 0.71, 0.00, 0.54
HSL	294°, 55%, 30%
HSV	294°, 71%, 46%
XYZ	10.0896, 5.6796, 17.3941
YIQ	65.8870, 18.0570, 41.7130

Conversions

Conversions Part 2

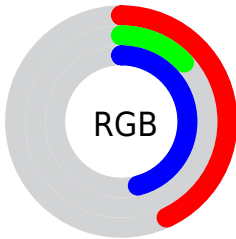
Format	Color
R_{YB}	109, 34, 117
Decimal	7152245
CIE _{Lab}	28.59, 44.55, -31.64
CIE _{LCh}	29, 54.644, 324.615
Yxy	5.6796, 0.3042, 0.1713
Android (android.graphics.Color)	4285342325 (0xFF6D2275)
YUV	65.8870, 25.1987, 37.8101
Hunter-Lab	23.8320, 33.8645, -26.5914

Details

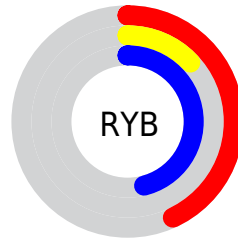
The Hex color **6D2275** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **2A7522**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **A356AA**, and **3A0044** is the 20% darker color. If you saturate the color by 10%, you get **6C1675**, and if you desaturate by 10%, it is **6E2E75**.

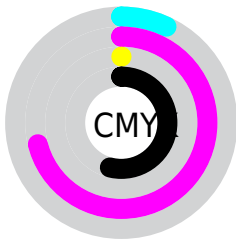
Distribution



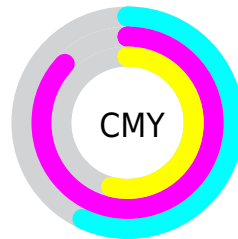
- Red (43%)
- Green (13%)
- Blue (46%)



- Red (43%)
- Yellow (13%)
- Blue (46%)



- Cyan (7%)
- Magenta (71%)
- Yellow (0%)
- Black (54%)



- Cyan (57%)
- Magenta (87%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D2275 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 6D2275 by changing the saturation by 10% instead.



6D2275



6D2275

FFFFFF



53025C



A356AA



3A0044



BF70C5



25002E



DC8AE1



000117



F9A5FE



000000



FFC1FF



FFDDFF



FFFAFF



6D2275



6D2275

■ 6C1675

■ 6E2E75

■ 6B0B75

■ 6F3975

■ 6A0075

■ 704575

■ 725175

■ 735D75

■ 746875

■ 757475

■ 768075

■ 778B75

Harmonies

Analogous

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



273C91



6D2275



88004D

Triad

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



6D2275



5A3F00



005566

Complementary

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



6D2275



2A7522

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.



00543A



6D2275



334B00

Square

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



6D2275



782B00



00520A



005388

Rectangle

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



6D2275



8B0031



00520A



005558

Sweetspot

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



6D2275



967999



222A75



4B394D



CCCCCC



4D4D4D

Same Dimension

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



6D2275



8C1799



752254



3A353B



6F007A



E200FA

Inverse Universe

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



75222A



991723



227543



3B3535



7A000C



FA0018

Previews

White Background



This preview shows how the Hex color 6D2275 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

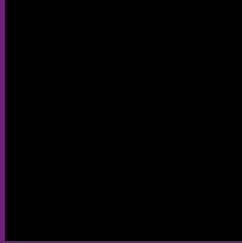
Any Text WCAG AA × Fail

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 6D2275 Background



This preview shows how black text looks on a background with the Hex color 6D2275.




This preview shows how white text looks on a background with the Hex color 6D2275.

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
66363A

Trichromacy



Original Color
6D2275



Protanomaly
283684



Deuteranomaly
433871



Tritanomaly
692F4F

Monochromacy



Original Color
6D2275



Achromatopsia
424242



Achromatomaly
523655

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D2275 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 #6D2275 looks like.

```
.text, #text, p{  
    color:#6D2275  
}
```

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 #6D2275 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D2275
}
```

Border

The CSS property to change the border of an element to Hex 6D2275 is called "border". The border property can be set on classes, ids or directly on the HTML element.

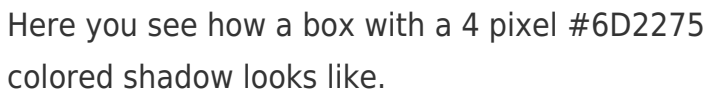
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D2275 }
```

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

```
.border{ border-color:#6D2275 }
```

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



Here you see how a box with a 4 pixel #6D2275 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D2275; -webkit-box-shadow:4px 4px  
4px 4px #6D2275; box-shadow:4px 4px 4px  
4px #6D2275 }
```

Background

The CSS property to change the background color of an element to Hex 6D2275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D2275 }
```

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

```
.background{ background-color:#6D2275 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor