

Converting Colors

Hex(6D0083)

Have a look what the booklet for
Hex(6D0083) contains.

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Color

Hex(6D0083)

Conversions

Conversions Part 1

Format	Color
Hex	6D0083
RGB	109, 0, 131
RGB Percent	43%, 0%, 51%
CMY	0.5725, 1.0000, 0.4863
CMYK	0.17, 1.00, 0.00, 0.49
HSL	290°, 100%, 26%
HSV	290°, 100%, 51%
XYZ	10.4034, 4.8899, 21.8683
YIQ	47.5250, 22.9130, 63.8490

Conversions

Conversions Part 2

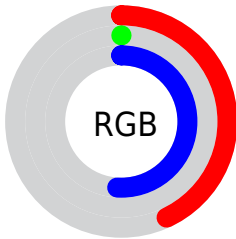
Format	Color
R_{YB}	109, 0, 131
Decimal	7143555
CIE _{Lab}	26.42, 56.34, -43.99
CIE _{LCh}	26, 71.475, 322.016
Yxy	4.8899, 0.2800, 0.1316
Android (android.graphics.Color)	4285333635 (0xFF6D0083)
YUV	47.5250, 41.1532, 53.9136
Hunter-Lab	22.1131, 45.2797, -43.1543

Details

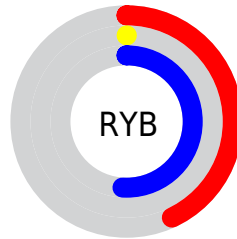
The Hex color **6D0083** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **168300**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **A444B9**, and **380051** is the 20% darker color. If you saturate the color by 10%, you get **6D0083**, and if you desaturate by 10%, it is **6F0D83**.

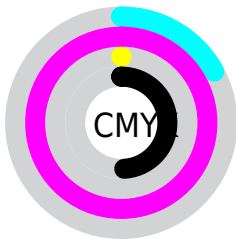
Distribution



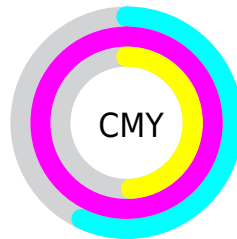
- Red (43%)
- Green (0%)
- Blue (51%)



- Red (43%)
- Yellow (0%)
- Blue (51%)



- Cyan (17%)
- Magenta (100%)
- Yellow (0%)
- Black (49%)



- Cyan (57%)
- Magenta (100%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D0083 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 6D0083 by changing the saturation by 10% instead.

 6D0083

 6D0083

FFFFFF

 520069

 A444B9

 380051

 C15FD5

 1F0039

 DE7AF1

 000222

 FB96FF

 000008

 FFB2FF

 000000

 FFCEFF

 FFE8FF

 6D0083

■ 6F0D83

■ 711A83

■ 742783

■ 763483

■ 784283

■ 7A4F83

■ 7C5C83

■ 7F6983

■ 817683

Harmonies

Analogous

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



0038A6



6D0083



920050

Triad

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



6D0083



5A3800



005367

Complementary

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



6D0083



168300

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.



00512E



6D0083



254700

Square

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



6D0083



7F1100



004E00



005296

Rectangle

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



6D0083



97002C



004E00



005254

Sweetspot

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



6D0083



A278AB



001883



513757



D6D6D6



575757

Same Dimension

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



6D0083



8E00AB



83005A



413C42



6C0082



020003

Inverse Universe

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



830016



AB001D



008329



423C3D



820016



030000

Previews

White Background



This preview shows how the Hex color 6D0083 looks on a white background.

Color Contrast Check

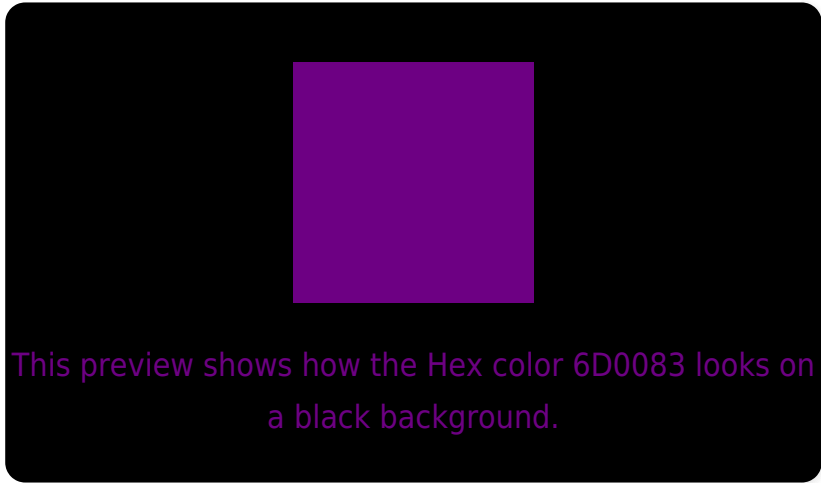
Large Text (above 18pt) WCAG AA ✓ Pass

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

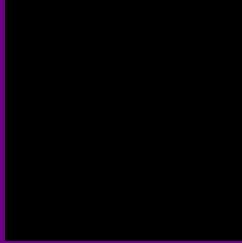
Any Text WCAG AA × Fail

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 6D0083 Background



This preview shows how black text looks on a background with the Hex color 6D0083.



This preview shows how white text looks on a background with the Hex color 6D0083.

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
6D0083

Protanopia
004086

Deuteranopia
004376



Tritanopia
633337

Trichromacy



Original Color
6D0083



Protanomaly
282985



Deuteranomaly
282B7B



Tritanomaly
672053

Monochromacy



Original Color
6D0083



Achromatopsia
303030



Achromatomaly
461F4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D0083 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 #6D0083 looks like.

```
.text, #text, p{  
    color:#6D0083  
}
```

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 #6D0083 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D0083
}
```

Border

The CSS property to change the border of an element to Hex 6D0083 is called "border". The border property can be set on classes, ids or directly on the HTML element.

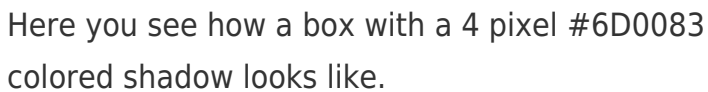
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D0083 }
```

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

```
.border{ border-color:#6D0083 }
```

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



Here you see how a box with a 4 pixel #6D0083 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D0083; -webkit-box-shadow:4px 4px  
4px 4px #6D0083; box-shadow:4px 4px 4px  
4px #6D0083 }
```

Background

The CSS property to change the background color of an element to Hex 6D0083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D0083 }
```

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

```
.background{ background-color:#6D0083 }
```

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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