

# Converting Colors

Hex(6D1383)

Have a look what the booklet for  
Hex(6D1383) contains.

<b>Hex(6D1383)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(6D1383)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6D1383
RGB	109, 19, 131
RGB Percent	43%, 7%, 51%
CMY	0.5725, 0.9255, 0.4863
CMYK	0.17, 0.85, 0.00, 0.49
HSL	288°, 75%, 29%
HSV	288°, 85%, 51%
XYZ	10.6363, 5.3556, 21.9459
YIQ	58.6780, 17.6880, 53.9120

# Conversions

## Conversions Part 2

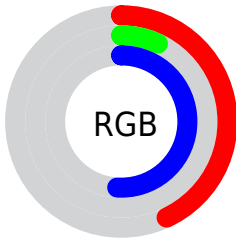
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	109, 19, 131
Decimal	7148419
CIE <sub>Lab</sub>	27.72, 52.48, -41.88
CIE <sub>LCh</sub>	28, 67.137, 321.411
Yxy	5.3556, 0.2804, 0.1412
Android (android.graphics.Color)	4285338499 (0xFF6D1383)
YUV	58.6780, 35.6547, 44.1324
Hunter-Lab	23.1423, 41.5403, -40.0253

# Details

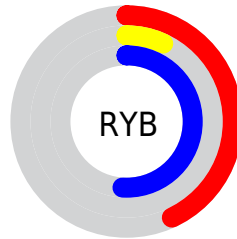
The Hex color **6D1383** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **298313**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **A44CB9**, and **380051** is the 20% darker color. If you saturate the color by 10%, you get **6A0683**, and if you desaturate by 10%, it is **702083**.

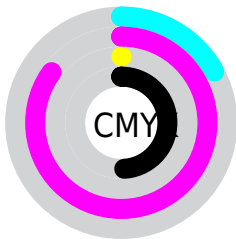
# Distribution



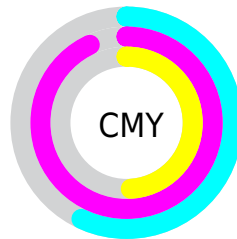
- Red (43%)
- Green (7%)
- Blue (51%)



- Red (43%)
- Yellow (7%)
- Blue (51%)



- Cyan (17%)
- Magenta (85%)
- Yellow (0%)
- Black (49%)



- Cyan (57%)
- Magenta (93%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D1383 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 6D1383 by changing the saturation by 10% instead.



6D1383

6D1383

FFFFFF

520069

A44CB9

380051

C067D5

210039

DD82F1

000222

FB9DFF

000008

FFB9FF

000000

FFD5FF

FFF2FF

6D1383

6D1383

■ 6A0683

■ 702083

■ 690083

■ 722D83

■ 753A83

■ 774783

■ 7A5583

■ 7C6283

■ 7F6F83

■ 827C83

■ 848983

# Harmonies

## Analogous

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



003BA4



6D1383



910053

# Triad

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



6D1383



5D3A00



005566

# Complementary

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



6D1383



298313

# 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.



005430



6D1383



2D4A00

# Square

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



6D1383



811A00



005100



005493

# Rectangle

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



6D1383



960031



005100



005555



# Sweetspot

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



6D1383



A27EAB



132983



513C57



D6D6D6



575757



# Same Dimension

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



6D1383



8900AB



831361



413C42



690082



020003



# Inverse Universe

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



831329



AB0022



138335



423C3D



82001A



030001



# Previews

## White Background



This preview shows how the Hex color 6D1383 looks on a white background.

## Color Contrast Check

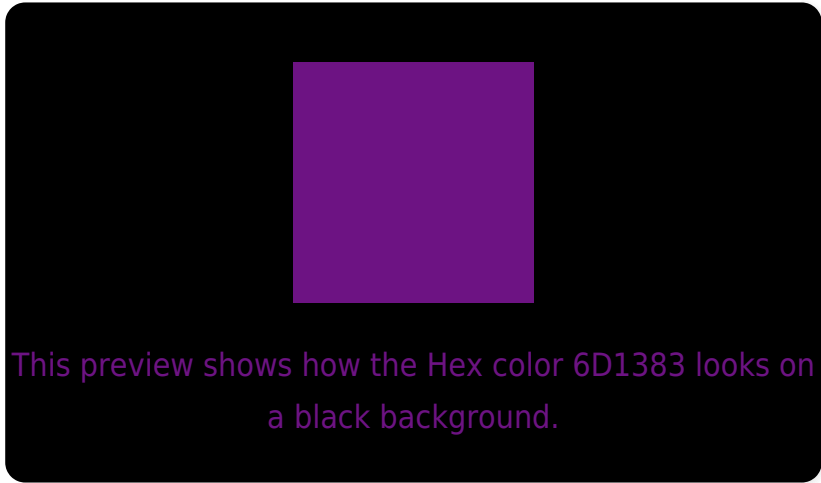
Large Text (above 18pt) WCAG AA ✓ Pass

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

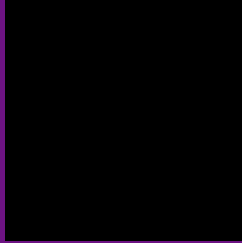
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6D1383 Background



This preview shows how black text looks on a background with the Hex color 6D1383.



This preview shows how white text looks on a background with the Hex color 6D1383.

# 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**  
6D1383

**Protanopia**  
004189

**Deuteranopia**  
004579



**Tritanopia**  
633539

# Trichromacy



**Original Color**  
6D1383



**Protanomaly**  
283087



**Deuteranomaly**  
28337D



**Tritanomaly**  
672954

# Monochromacy



**Original Color**  
6D1383



**Achromatopsia**  
3B3B3B



**Achromatomaly**  
4D2C55

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D1383 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 #6D1383 looks like.

```
.text, #text, p{  
    color:#6D1383  
}
```

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 #6D1383 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D1383
}
```

## Border

The CSS property to change the border of an element to Hex 6D1383 is called "border". The border property can be set on classes, ids or directly on the HTML element.

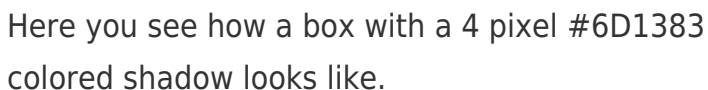
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D1383 }
```

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

```
.border{ border-color:#6D1383 }
```

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



Here you see how a box with a 4 pixel #6D1383 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D1383; -webkit-box-shadow:4px 4px  
4px 4px #6D1383; box-shadow:4px 4px 4px  
4px #6D1383 }
```

# Background

The CSS property to change the background color of an element to Hex 6D1383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D1383 }
```

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

```
.background{ background-color:#6D1383 }
```

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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