

# Converting Colors

Hex(6D4385)

Have a look what the booklet for  
Hex(6D4385) contains.

<b>Hex(6D4385)</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(6D4385)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6D4385
RGB	109, 67, 133
RGB Percent	43%, 26%, 52%
CMY	0.5725, 0.7373, 0.4784
CMYK	0.18, 0.50, 0.00, 0.48
HSL	278°, 33%, 39%
HSV	278°, 50%, 52%
XYZ	12.5475, 8.9590, 23.2582
YIQ	87.0820, 3.8460, 29.4300

# Conversions

## Conversions Part 2

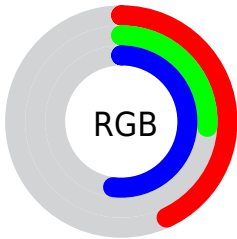
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	109, 67, 133
Decimal	7160709
CIE <sub>Lab</sub>	35.91, 30.86, -30.06
CIE <sub>LCh</sub>	36, 43.084, 315.750
Yxy	8.9590, 0.2803, 0.2001
Android (android.graphics.Color)	4285350789 (0xFF6D4385)
YUV	87.0820, 22.6376, 19.2221
Hunter-Lab	29.9315, 22.4480, -25.1191

# Details

The Hex color **6D4385** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **5B8543**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **A274BB**, and **3B1553** is the 20% darker color. If you saturate the color by 10%, you get **683685**, and if you desaturate by 10%, it is **725085**.

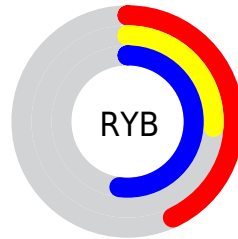
# Distribution



Red (43%)

Green (26%)

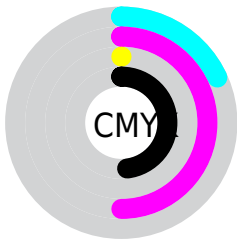
Blue (52%)



Red (43%)

Yellow (26%)

Blue (52%)

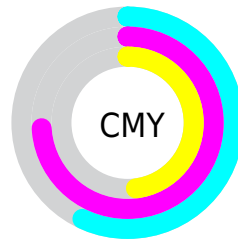


Cyan (18%)

Magenta (50%)

Yellow (0%)

Black (48%)



Cyan (57%)

Magenta (74%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D4385 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 6D4385 by changing the saturation by 10% instead.





6D4385



6D4385

FFFFFF



542C6B



A274BB



3B1553



BE8ED6



24003B



DAA9F3



050025



F7C5FF



00010E



FFE1FF



000000

FFFEFF



6D4385



6D4385



683685



725085

632885

775E85

5E1B85

7C6B85

5A0E85

807885

550185

858685

550085

8A9385

8FA085

94AD85

99BB85

# Harmonies

## Analogous

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



325297



6D4385



8A3566

# Triad

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



6D4385



734D09



006566

# Complementary

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



6D4385



5B8543

# 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.



006442



6D4385



545806

# Square

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



6D4385



893E24



2C6021



006385

# Rectangle

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



6D4385



92324F



2C6021



00655A



# Sweetspot

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



6D4385



A493AD



435B85



514757



D6D6D6



575757



# Same Dimension

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



6D4385



8845AD



85437C



403C42



530082



020003



# Inverse Universe

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



85435B



AD456B



43854C



423C3E



82002F

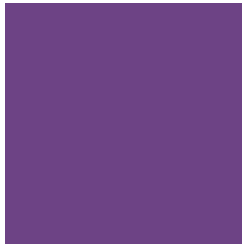


030001



# Previews

## White Background



This preview shows how the Hex color 6D4385 looks on a white background.

## Color Contrast Check

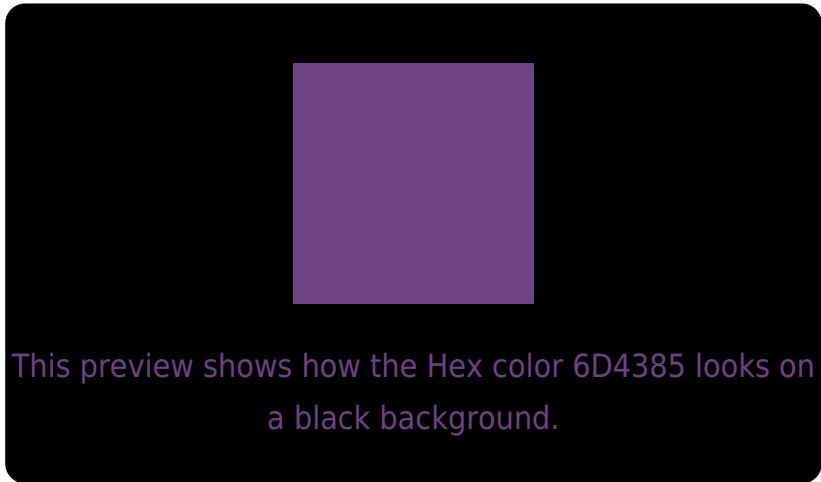
Large Text (above 18pt) WCAG AA ✓ Pass

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

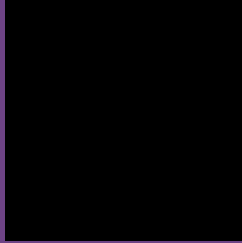
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6D4385 Background



This preview shows how black text looks on a background with the Hex color 6D4385.



This preview shows how white text looks on a background with the Hex color 6D4385.

# 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**  
654F55

# Trichromacy



**Original Color**  
6D4385

**Protanomaly**  
4B4D8E

**Deuteranomaly**  
504E83

**Tritanomaly**  
684B66

# Monochromacy



**Original Color**  
6D4385

**Achromatopsia**  
575757

**Achromatomaly**  
5F5068

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D4385 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 #6D4385 looks like.

```
.text, #text, p{  
    color:#6D4385  
}
```

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 #6D4385 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D4385
}
```

## Border

The CSS property to change the border of an element to Hex 6D4385 is called "border". The border property can be set on classes, ids or directly on the HTML element.

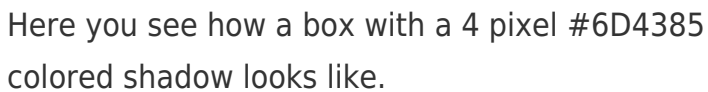
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D4385 }
```

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

```
.border{ border-color:#6D4385 }
```

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



Here you see how a box with a 4 pixel #6D4385 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D4385; -webkit-box-shadow:4px 4px  
4px 4px #6D4385; box-shadow:4px 4px 4px  
4px #6D4385 }
```

# Background

The CSS property to change the background color of an element to Hex 6D4385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D4385 }
```

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

```
.background{ background-color:#6D4385 }
```

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