

Converting Colors

Hex(6D3C73)

Have a look what the booklet for
Hex(6D3C73) contains.

Hex(6D3C73)	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(6D3C73)

Conversions

Conversions Part 1

Format	Color
Hex	6D3C73
RGB	109, 60, 115
RGB Percent	43%, 24%, 45%
CMY	0.5725, 0.7647, 0.5490
CMYK	0.05, 0.48, 0.00, 0.55
HSL	293°, 31%, 34%
HSV	293°, 48%, 45%
XYZ	11.0170, 7.7207, 17.1292
YIQ	80.9210, 11.5490, 27.4930

Conversions

Conversions Part 2

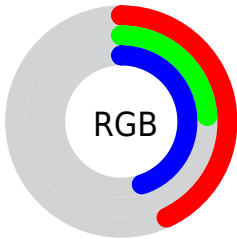
Format	Color
R_{YB}	109, 60, 115
Decimal	7158899
CIE _{Lab}	33.39, 30.88, -22.80
CIE _{LCh}	33, 38.388, 323.556
Yxy	7.7207, 0.3072, 0.2153
Android (android.graphics.Color)	4285348979 (0xFF6D3C73)
YUV	80.9210, 16.8009, 24.6253
Hunter-Lab	27.7862, 22.1482, -17.0999

Details

The Hex color **6D3C73** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **42733C**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **A26DA7**, and **3C0D43** is the 20% darker color. If you saturate the color by 10%, you get **6C3173**, and if you desaturate by 10%, it is **6E4873**.

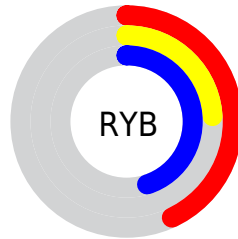
Distribution



Red (43%)

Green (24%)

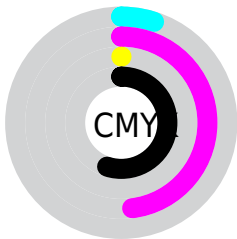
Blue (45%)



Red (43%)

Yellow (24%)

Blue (45%)

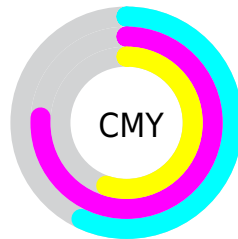


Cyan (5%)

Magenta (48%)

Yellow (0%)

Black (55%)



Cyan (57%)

Magenta (76%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D3C73 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 6D3C73 by changing the saturation by 10% instead.

 6D3C73

 6D3C73

FFFFFF

 54255A

 A26DA7

 3C0D43

 BD87C2

 26002C

 D9A1DE

 000017

 F6BDFB

 000000

 FFD9FF

 FFF5FF

 6D3C73

 6D3C73

 6C3173

 6E4873

6A2573

705373

691973

715E73

680E73

726A73

670273

737673

660073

758173

768D73

779873

78A473

Harmonies

Analogous

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



434986



6D3C73



823256

Triad

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



6D3C73



644B0C



005D66

Complementary

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



6D3C73



42733C

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.



005D47



6D3C73



475411

Square

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



6D3C73



7A3F1E



1F5A28



005A7F

Rectangle

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



6D3C73



863242



1F5A28



005D5C

Sweetspot

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



6D3C73



948196



3C4273



4B3F4D



CCCCCC



4D4D4D

Same Dimension

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



6D3C73



8D4196



733C5E



3A353B



6D007A



DF00FA

Inverse Universe

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



733C42



96414A



3C7351



3B3535



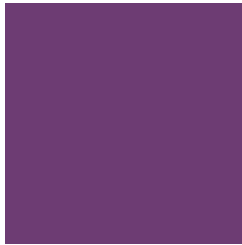
7A000D



FA001B

Previews

White Background



This preview shows how the Hex color 6D3C73 looks on a white background.

Color Contrast Check

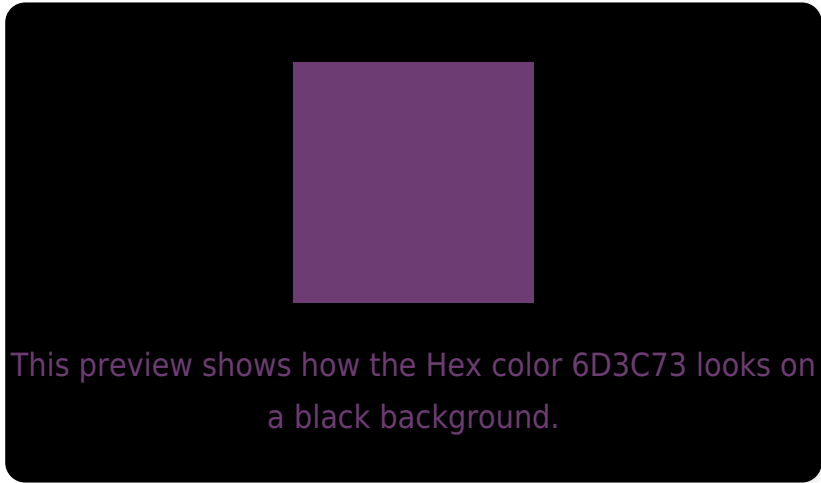
Large Text (above 18pt) WCAG AA ✓ Pass

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

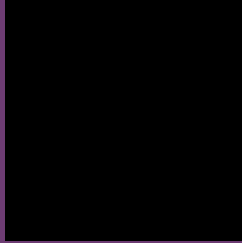
Any Text WCAG AA × Fail

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 6D3C73 Background



This preview shows how black text looks on a background with the Hex color 6D3C73.



This preview shows how white text looks on a background with the Hex color 6D3C73.

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
68454B

Trichromacy



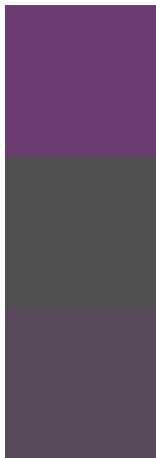
Original Color
6D3C73

Protanomaly
4D477D

Deuteranomaly
524771

Tritanomaly
6A425A

Monochromacy



Original Color
6D3C73

Achromatopsia
515151

Achromatomaly
5B495D

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D3C73 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 #6D3C73 looks like.

```
.text, #text, p{  
    color:#6D3C73  
}
```

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 #6D3C73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D3C73  
}
```

Border

The CSS property to change the border of an element to Hex 6D3C73 is called "border". The border property can be set on classes, ids or directly on the HTML element.

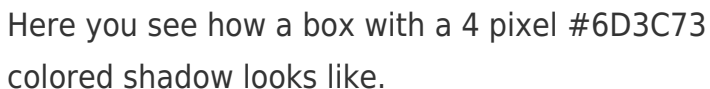
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#6D3C73 }
```

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

```
.border{ border-color:#6D3C73 }
```

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



Here you see how a box with a 4 pixel #6D3C73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D3C73; -webkit-box-shadow:4px 4px  
4px 4px #6D3C73; box-shadow:4px 4px 4px  
4px #6D3C73 }
```

Background

The CSS property to change the background color of an element to Hex 6D3C73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D3C73 }
```

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

```
.background{ background-color:#6D3C73 }
```

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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