

Converting Colors

Hex(6C3D70)

Have a look what the booklet for
Hex(6C3D70) contains.

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Color

Hex(6C3D70)

Conversions

Conversions Part 1

Format	Color
Hex	6C3D70
RGB	108, 61, 112
RGB Percent	42%, 24%, 44%
CMY	0.5765, 0.7608, 0.5608
CMYK	0.04, 0.46, 0.00, 0.56
HSL	295°, 29%, 34%
HSV	295°, 46%, 44%
XYZ	10.7777, 7.6955, 16.2466
YIQ	80.8670, 11.6410, 25.8250

Conversions

Conversions Part 2

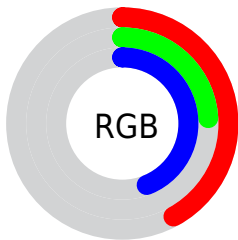
Format	Color
R_{YB}	108, 61, 112
Decimal	7093616
CIE _{Lab}	33.34, 29.34, -21.01
CIE _{LCh}	33, 36.083, 324.390
Yxy	7.6955, 0.3104, 0.2216
Android (android.graphics.Color)	4285283696 (0xFF6C3D70)
YUV	80.8670, 15.3486, 23.7956
Hunter-Lab	27.7407, 20.8038, -15.3051

Details

The Hex color **6C3D70** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **41703D**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **A16EA4**, and **3B0E40** is the 20% darker color. If you saturate the color by 10%, you get **6B3270**, and if you desaturate by 10%, it is **6D4870**.

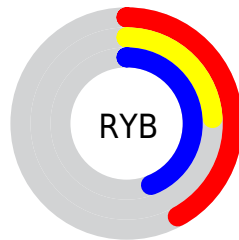
Distribution



Red (42%)

Green (24%)

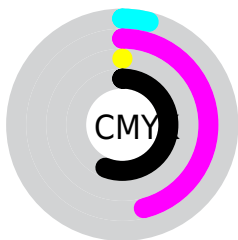
Blue (44%)



Red (42%)

Yellow (24%)

Blue (44%)

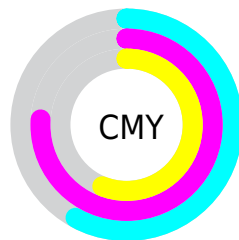


Cyan (4%)

Magenta (46%)

Yellow (0%)

Black (56%)



Cyan (58%)

Magenta (76%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C3D70 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 6C3D70 by changing the saturation by 10% instead.

6C3D70

6C3D70

FFFFFF

532657

A16EA4

3B0E40

BC88BF

25002A

D8A2DB

000014

F5BEF8

000000

FFDAFF

FFF6FF

6C3D70

6C3D70

6B3270

6D4870

6A2770

6E5370

691B70

6F5F70

681070

706A70

680570

707570

670070

718070

728B70

739770

74A270

Harmonies

Analogous

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



464983



6C3D70



7F3555

Triad

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



6C3D70



624B11



005C65

Complementary

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



6C3D70



41703D

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.



005C48



6C3D70



475416

Square

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



6C3D70



774020



22592C



00597C

Rectangle

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



6C3D70



833542



22592C



005C5C

Sweetspot

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



6C3D70



907D91



3D4170



493D4A



C9C9C9



4A4A4A

Same Dimension

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



6C3D70



8B4191



703D5B



383238



6E0078



E400F7

Inverse Universe

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



703D41



914148



3D7052



383233



780009



F70013

Previews

White Background



This preview shows how the Hex color 6C3D70 looks on a white background.

Color Contrast Check

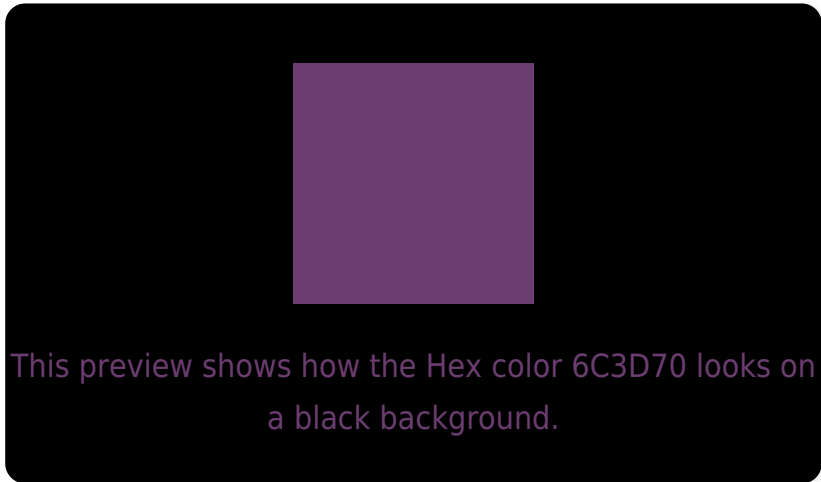
Large Text (above 18pt) WCAG AA ✓ Pass

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

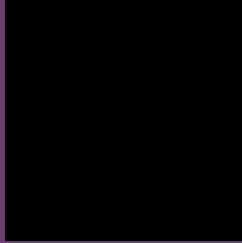
Any Text WCAG AA × Fail

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 6C3D70 Background



This preview shows how black text looks on a background with the Hex color 6C3D70.

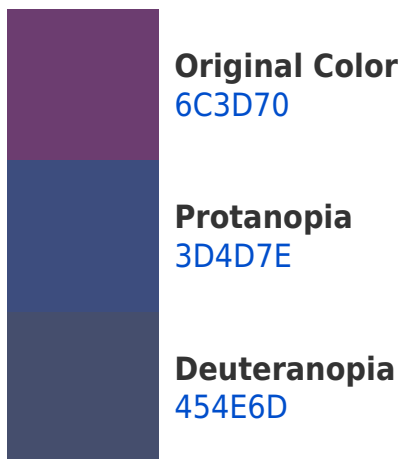


This preview shows how white text looks on a background with the Hex color 6C3D70.

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
67464B

Trichromacy



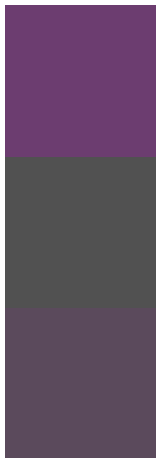
Original Color
6C3D70

Protanomaly
4E4779

Deuteranomaly
53486E

Tritanomaly
694358

Monochromacy



Original Color
6C3D70

Achromatopsia
515151

Achromatomaly
5B4A5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 6C3D70 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 #6C3D70 looks like.

```
.text, #text, p{  
    color:#6C3D70  
}
```

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 #6C3D70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C3D70
}
```

Border

The CSS property to change the border of an element to Hex 6C3D70 is called "border". The border property can be set on classes, ids or directly on the HTML element.

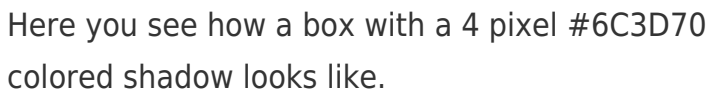
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6C3D70 }
```

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

```
.border{ border-color:#6C3D70 }
```

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



Here you see how a box with a 4 pixel #6C3D70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C3D70; -webkit-box-shadow:4px 4px  
4px 4px #6C3D70; box-shadow:4px 4px 4px  
4px #6C3D70 }
```

Background

The CSS property to change the background color of an element to Hex 6C3D70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C3D70 }
```

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

```
.background{ background-color:#6C3D70 }
```

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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