

Converting Colors

Hex(6D436C)

Have a look what the booklet for
Hex(6D436C) contains.

Hex(6D436C)	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(6D436C)

Conversions

Conversions Part 1

Format	Color
Hex	6D436C
RGB	109, 67, 108
RGB Percent	43%, 26%, 42%
CMY	0.5725, 0.7373, 0.5765
CMYK	0.00, 0.39, 0.01, 0.57
HSL	301°, 24%, 35%
HSV	301°, 39%, 43%
XYZ	11.0206, 8.3482, 15.2179
YIQ	84.2320, 11.8710, 21.6550

Conversions

Conversions Part 2

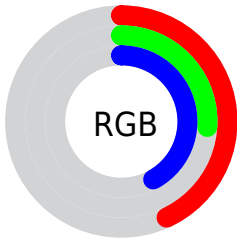
Format	Color
RYB	109, 67, 108
Decimal	7160684
CIELab	34.70, 25.29, -16.38
CIELCh	35, 30.131, 327.066
Yxy	8.3482, 0.3186, 0.2414
Android (android.graphics.Color)	4285350764 (0xFF6D436C)
YUV	84.2320, 11.7176, 21.7215
Hunter-Lab	28.8933, 17.5209, -11.0023

Details

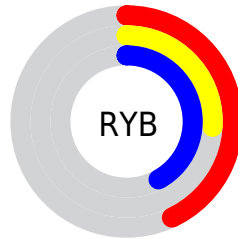
The Hex color **6D436C** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **436D44**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **A174A0**, and **3C163C** is the 20% darker color. If you saturate the color by 10%, you get **6D386C**, and if you desaturate by 10%, it is **6D4E6C**.

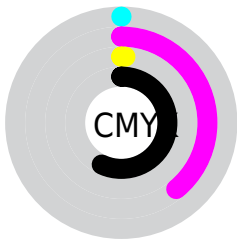
Distribution



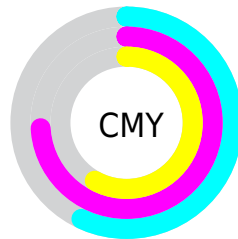
- Red (43%)
- Green (26%)
- Blue (42%)



- Red (43%)
- Yellow (26%)
- Blue (42%)



- Cyan (0%)
- Magenta (39%)
- Yellow (1%)
- Black (57%)



- Cyan (57%)
- Magenta (74%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D436C 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 6D436C by changing the saturation by 10% instead.

 6D436C

 6D436C

FFFFFF

 542C54

 A174A0

 3C163C

 BD8EBB

 260027

 D9A9D6

 000010

 F5C4F3

 000000

 FFE0FF

 FFFDFD

 6D436C

 6D436C

 6D386C

 6D4E6C

6D2D6B

6D596D

6D226B

6D646D

6D176B

6D6F6D

6D0D6B

6D7A6D

6D026A

6D846E

6D006A

6D8F6E

6D9A6E

6DA56E

Harmonies

Analogous

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



4F4C7C



6D436C



7C3D55

Triad

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



6D436C



624F20



005D67

Complementary

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



6D436C



436D44

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.



005E4E



6D436C



4A5725

Square

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



6D436C



74472A



2C5B37



005B79

Rectangle

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



6D436C



7F3E45



2C5B37



005E5F

Sweetspot

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



6D436C



8F7E8E



44436D



473D47



C7C7C7



474747

Same Dimension

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



6D436C



8F4D8D



6D4357



363035



750073



F500EF

Inverse Universe

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



6D436C



8F4D8D



436D59



363035



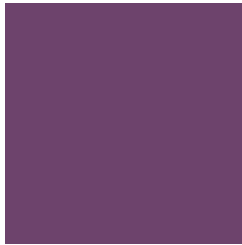
750073



F500EF

Previews

White Background



This preview shows how the Hex color 6D436C looks on a white background.

Color Contrast Check

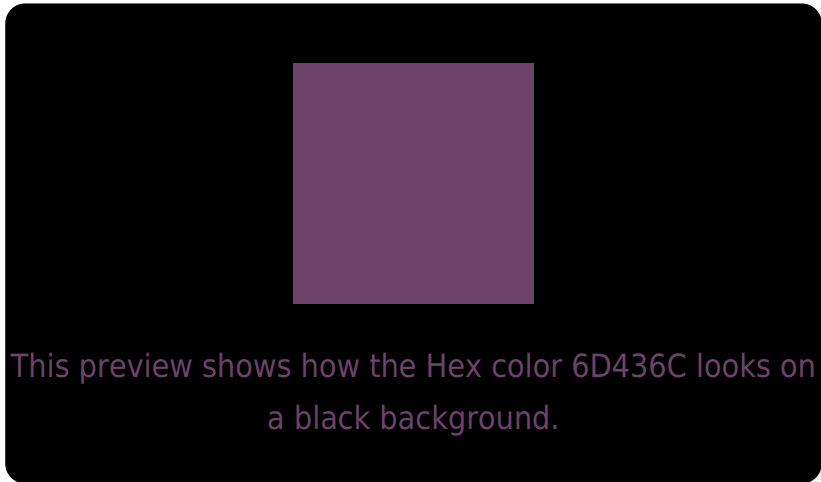
Large Text (above 18pt) WCAG AA ✓ Pass

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

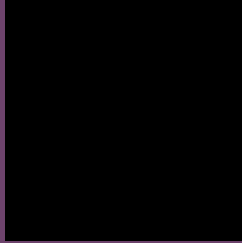
Any Text WCAG AA × Fail

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 6D436C Background



This preview shows how black text looks on a background with the Hex color 6D436C.



This preview shows how white text looks on a background with the Hex color 6D436C.

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
6D436C

Protanopia
465177

Deuteranopia
4D516A



Tritanopia
69494F

Trichromacy



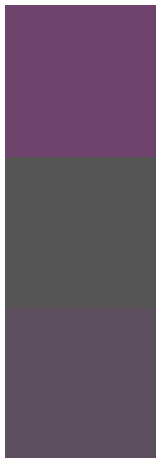
Original Color
6D436C

Protanomaly
544C73

Deuteranomaly
594C6B

Tritanomaly
6A475A

Monochromacy



Original Color
6D436C

Achromatopsia
545454

Achromatomaly
5D4E5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D436C 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 #6D436C looks like.

```
.text, #text, p{  
    color:#6D436C  
}
```

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 #6D436C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D436C
}
```

Border

The CSS property to change the border of an element to Hex 6D436C is called "border". The border property can be set on classes, ids or directly on the HTML element.

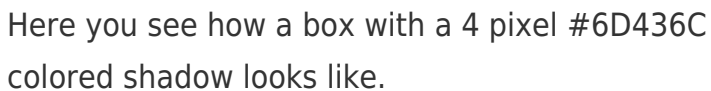
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D436C }
```

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

```
.border{ border-color:#6D436C }
```

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



Here you see how a box with a 4 pixel #6D436C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D436C; -webkit-box-shadow:4px 4px  
4px 4px #6D436C; box-shadow:4px 4px 4px  
4px #6D436C }
```

Background

The CSS property to change the background color of an element to Hex 6D436C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D436C }
```

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

```
.background{ background-color:#6D436C }
```

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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