

Converting Colors

Hex(6C6876)

Have a look what the booklet for
Hex(6C6876) contains.

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Color

Hex(6C6876)

Conversions

Conversions Part 1

Format	Color
Hex	6C6876
RGB	108, 104, 118
RGB Percent	42%, 41%, 46%
CMY	0.5765, 0.5922, 0.5373
CMYK	0.08, 0.12, 0.00, 0.54
HSL	257°, 6%, 44%
HSV	257°, 12%, 46%
XYZ	14.4047, 14.3968, 19.1592
YIQ	106.7920, -2.1100, 5.2020

Conversions

Conversions Part 2

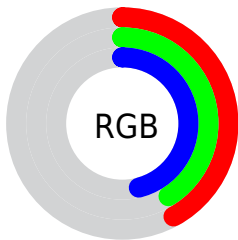
Format	Color
R_{YB}	108, 104, 118
Decimal	7104630
CIE _{Lab}	44.80, 4.52, -7.25
CIE _{LCh}	45, 8.547, 301.958
Yxy	14.3968, 0.3003, 0.3002
Android (android.graphics.Color)	4285294710 (0xFF6C6876)
YUV	106.7920, 5.5255, 1.0594
Hunter-Lab	37.9431, 1.3651, -3.3781

Details

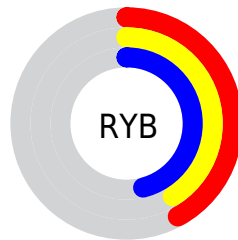
The Hex color **6C6876** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **727668**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **9F9BAA**, and **3D3946** is the 20% darker color. If you saturate the color by 10%, you get **645C76**, and if you desaturate by 10%, it is **747476**.

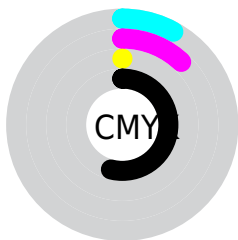
Distribution



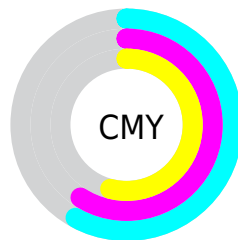
- Red (42%)
- Green (41%)
- Blue (46%)



- Red (42%)
- Yellow (41%)
- Blue (46%)



- Cyan (8%)
- Magenta (12%)
- Yellow (0%)
- Black (54%)



- Cyan (58%)
- Magenta (59%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C6876 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 6C6876 by changing the saturation by 10% instead.

■ 6C6876

■ 6C6876

FFFFFF

■ 54505D

■ 9F9BAA

■ 3D3946

■ BAB6C5

■ 27242F

■ D6D1E1

■ 130E1B

■ F3EEFE

■ 000000

■ 6C6876

■ 6C6876

■ 645C76

■ 747476

■ 5B5076

■ 7D8076

■ 534576

■ 858B76

■ 4A3976

■ 8E9776

■ 422D76

■ 96A376

■ 392176

■ 9FAF76

■ 311576

■ A7BB76

■ 290A76

■ AFC676

■ 220076

■ B8D276

Harmonies

Analogous

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



636A78



6C6876



746671

Triad

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



6C6876



76675E



5A6E6A

Complementary

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



6C6876



727668

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.



5F6D63



6C6876



6F6A5C

Square

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



6C6876



796663



676C5E



586E71

Rectangle

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



6C6876



77656C



676C5E



5B6E68

Sweetspot

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



6C6876



959399



687276



4A494D



CCCCCC



4D4D4D

Same Dimension

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



6C6876



8A8499



736876



36353B



23007A



4700FA

Inverse Universe

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



766872



998493



6B7668



3B3539



7A0057



FA00B3

Previews

White Background



This preview shows how the Hex color 6C6876 looks on a white background.

Color Contrast Check

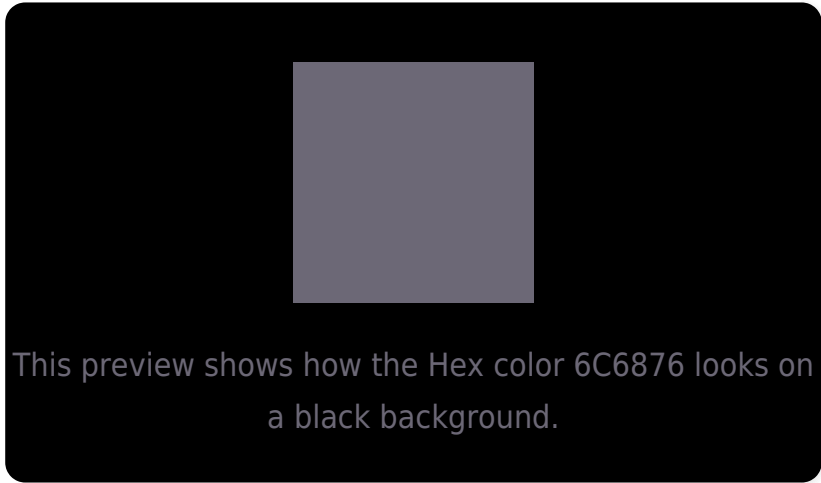
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

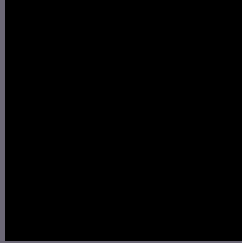
Any Text WCAG AA × Fail

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 6C6876 Background



This preview shows how black text looks on a background with the Hex color 6C6876.



This preview shows how white text looks on a background with the Hex color 6C6876.

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
6C6876

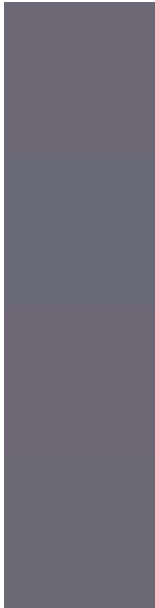
Protanopia
686977

Deuteranopia
6F6776



Tritanopia
6B6971

Trichromacy



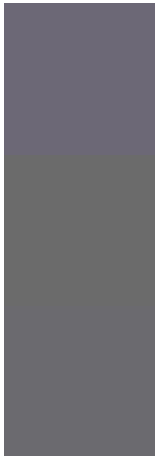
Original Color
6C6876

Protanomaly
696977

Deuteranomaly
6E6776

Tritanomaly
6B6973

Monochromacy



Original Color
6C6876

Achromatopsia
6B6B6B

Achromatomaly
6B6A6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 6C6876 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 #6C6876 looks like.

```
.text, #text, p{  
    color:#6C6876  
}
```

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 #6C6876 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C6876  
}
```

Border

The CSS property to change the border of an element to Hex 6C6876 is called "border". The border property can be set on classes, ids or directly on the HTML element.

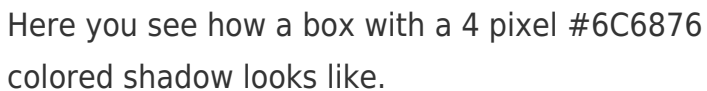
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#6C6876 }
```

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

```
.border{ border-color:#6C6876 }
```

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



Here you see how a box with a 4 pixel #6C6876 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C6876; -webkit-box-shadow:4px 4px  
4px 4px #6C6876; box-shadow:4px 4px 4px  
4px #6C6876 }
```

Background

The CSS property to change the background color of an element to Hex 6C6876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C6876 }
```

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

```
.background{ background-color:#6C6876 }
```

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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