

Converting Colors

Hex(6B6678)

Have a look what the booklet for
Hex(6B6678) contains.

Hex(6B6678)	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(6B6678)

Conversions

Conversions Part 1

Format	Color
Hex	6B6678
RGB	107, 102, 120
RGB Percent	42%, 40%, 47%
CMY	0.5804, 0.6000, 0.5294
CMYK	0.11, 0.15, 0.00, 0.53
HSL	257°, 8%, 44%
HSV	257°, 15%, 47%
XYZ	14.2049, 13.9846, 19.7199
YIQ	105.5470, -2.7980, 6.6580

Conversions

Conversions Part 2

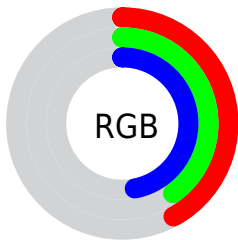
Format	Color
R_{YB}	107, 102, 120
Decimal	7038584
CIE _{Lab}	44.21, 5.81, -9.34
CIE _{LCh}	44, 11.004, 301.877
Yxy	13.9846, 0.2965, 0.2919
Android (android.graphics.Color)	4285228664 (0xFF6B6678)
YUV	105.5470, 7.1253, 1.2743
Hunter-Lab	37.3960, 2.3606, -5.0880

Details

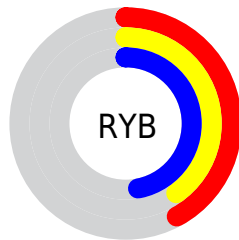
The Hex color **6B6678** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **737866**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **9E99AC**, and **3C3748** is the 20% darker color. If you saturate the color by 10%, you get **625A78**, and if you desaturate by 10%, it is **747278**.

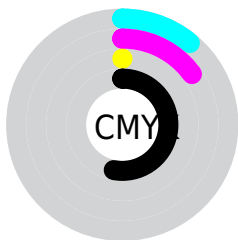
Distribution



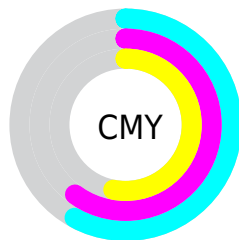
- Red (42%)
- Green (40%)
- Blue (47%)



- Red (42%)
- Yellow (40%)
- Blue (47%)



- Cyan (11%)
- Magenta (15%)
- Yellow (0%)
- Black (53%)



- Cyan (58%)
- Magenta (60%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B6678 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 6B6678 by changing the saturation by 10% instead.



6B6678



6B6678

FFFFFF



534E5F



9E99AC



3C3748



B9B4C8



262231



D5CFE4



120C1C



F1EBFF



000000



6B6678



6B6678



625A78



747278



5A4E78



7C7E78



514278



858A78

■ 483678

■ 8E9678

■ 402A78

■ 96A278

■ 371E78

■ 9FAE78

■ 2E1278

■ A8BA78

■ 260678

■ B0C678

■ 210078

■ B9D278

Harmonies

Analogous

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



5F697B



6B6678



756371

Triad

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



6B6678



776559



536E69

Complementary

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



6B6678



737866

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.



5B6D60



6B6678



6F6856

Square

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



6B6678



7C635F



656B59



516D72

Rectangle

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



6B6678



7A626B



656B59



556E66

Sweetspot

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



6B6678



96949C



667378



4C4A4F



CFCFCF



4F4F4F

Same Dimension

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



6B6678



87809C



746678



39373D



23007D



4600FC

Inverse Universe

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



786673



9C8094



6A7866



3D373B



7D005A



FC00B6

Previews

White Background



This preview shows how the Hex color 6B6678 looks on a white background.

Color Contrast Check

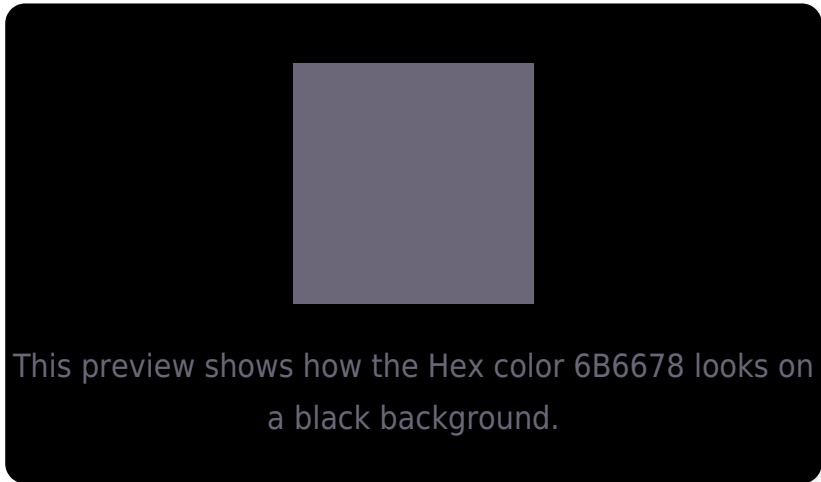
Large Text (above 18pt) WCAG AA ✓ Pass

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

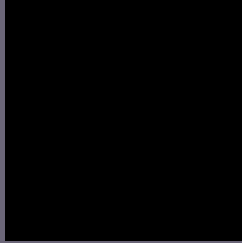
Any Text WCAG AA × Fail

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 6B6678 Background



This preview shows how black text looks on a background with the Hex color 6B6678.



This preview shows how white text looks on a background with the Hex color 6B6678.

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
6B6678

Protanopia
656879

Deuteranopia
6B6678



Tritanopia
6A6770

Trichromacy



Original Color
6B6678

Protanomaly
676779

Deuteranomaly
6B6678

Tritanomaly
6A6773

Monochromacy



Original Color
6B6678

Achromatopsia
6A6A6A

Achromatomaly
6A696F

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B6678 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 #6B6678 looks like.

```
.text, #text, p{  
    color:#6B6678  
}
```

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 #6B6678 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B6678  
}
```

Border

The CSS property to change the border of an element to Hex 6B6678 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  
#6B6678 }
```

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

```
.border{ border-color:#6B6678 }
```

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

Here you see how a box with a 4 pixel #6B6678 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B6678; -webkit-box-shadow:4px 4px  
4px 4px #6B6678; box-shadow:4px 4px 4px  
4px #6B6678 }
```

Background

The CSS property to change the background color of an element to Hex 6B6678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B6678 }
```

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

```
.background{ background-color:#6B6678 }
```

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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