

Converting Colors

Hex(6C6C87)

Have a look what the booklet for
Hex(6C6C87) contains.

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Color

Hex(6C6C87)

Conversions

Conversions Part 1

Format	Color
Hex	6C6C87
RGB	108, 108, 135
RGB Percent	42%, 42%, 53%
CMY	0.5765, 0.5765, 0.4706
CMYK	0.20, 0.20, 0.00, 0.47
HSL	240°, 11%, 48%
HSV	240°, 20%, 53%
XYZ	15.9201, 15.6625, 25.1058
YIQ	111.0780, -8.6670, 8.3970

Conversions

Conversions Part 2

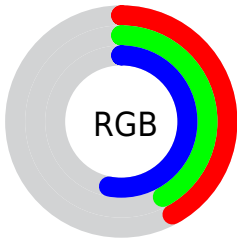
Format	Color
RYB	108, 108, 135
Decimal	7105671
CIELab	46.53, 6.10, -14.83
CIElCh	47, 16.037, 292.345
Yxy	15.6625, 0.2808, 0.2763
Android (android.graphics.Color)	4285295751 (0xFF6C6C87)
YUV	111.0780, 11.7935, -2.6994
Hunter-Lab	39.5759, 2.5467, -9.9086

Details

The Hex color **6C6C87** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **87876C**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **A09FBC**, and **3C3D55** is the 20% darker color. If you saturate the color by 10%, you get **5E5E87**, and if you desaturate by 10%, it is **7A7A87**.

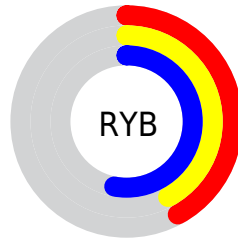
Distribution



Red (42%)

Green (42%)

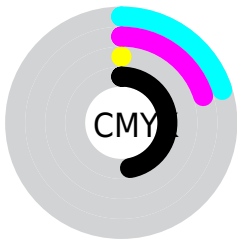
Blue (53%)



Red (42%)

Yellow (42%)

Blue (53%)

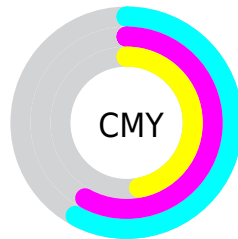


Cyan (20%)

Magenta (20%)

Yellow (0%)

Black (47%)



Cyan (58%)

Magenta (58%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C6C87 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 6C6C87 by changing the saturation by 10% instead.



6C6C87



6C6C87

FFFFFF



53546E



A09FBC



3C3D55



BBBAD8



26273E



D7D6F5



111328



F3F2FF



000113



000000



6C6C87



6C6C87



5E5E87



7A7A87



515187



878787

444487

959587

363687

A2A287

292987

B0B087

1B1B87

BDBD87

0D0D87

CBCB87

000087

D8D887

E6E687

Harmonies

Analogous

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



5A7189



6C6C87



7C687F

Triad

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



6C6C87



866859



50766A

Complementary

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



6C6C87



87876C

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.



5E745D



6C6C87



7C6C54

Square

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



6C6C87



8A6565



6E7155



497678

Rectangle

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



6C6C87



846677



6E7155



557566

Sweetspot

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



6C6C87



A5A5B0



6C8787



535359



D9D9D9



595959

Same Dimension

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



6C6C87



8686B0



7A6C87



3C3C42



000082



000003

Inverse Universe

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



876C87



B086B0



7A876C



423C42



820082



030003

Previews

White Background



This preview shows how the Hex color 6C6C87 looks on a white background.

Color Contrast Check

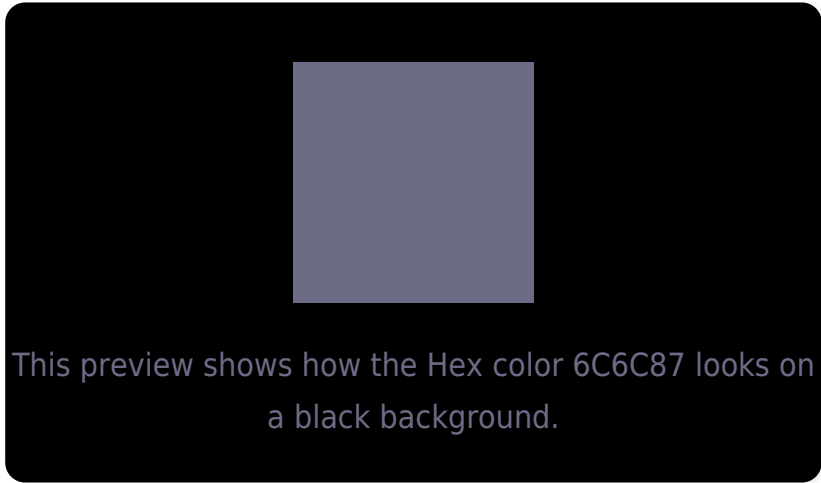
Large Text (above 18pt) WCAG AA ✓ Pass

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

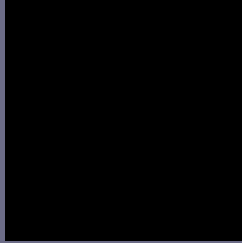
Any Text WCAG AA × Fail

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 6C6C87 Background



This preview shows how black text looks on a background with the Hex color 6C6C87.



This preview shows how white text looks on a background with the Hex color 6C6C87.

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


6C6C87

Protanopia

686D88

Deuteranopia

6C6C87



Tritanopia
696F78

Trichromacy



Original Color
6C6C87

Protanomaly
696D88

Deuteranomaly
6C6C87

Tritanomaly
6A6E7D

Monochromacy



Original Color
6C6C87

Achromatopsia
6F6F6F

Achromatomaly
6E6E78

CSS Examples

Text

The CSS property to change the color of the text to Hex 6C6C87 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 #6C6C87 looks like.

```
.text, #text, p{  
    color:#6C6C87  
}
```

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 #6C6C87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C6C87
}
```

Border

The CSS property to change the border of an element to Hex 6C6C87 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
#6C6C87 }
```

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

```
.border{ border-color:#6C6C87 }
```

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

Here you see how a box with a 4 pixel #6C6C87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C6C87; -webkit-box-shadow:4px 4px  
4px 4px #6C6C87; box-shadow:4px 4px 4px  
4px #6C6C87 }
```

Background

The CSS property to change the background color of an element to Hex 6C6C87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C6C87 }
```

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

```
.background{ background-color:#6C6C87 }
```

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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