

Converting Colors

Hex(6B7283)

Have a look what the booklet for
Hex(6B7283) contains.

Hex(6B7283)	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(6B7283)

Conversions

Conversions Part 1

Format	Color
Hex	6B7283
RGB	107, 114, 131
RGB Percent	42%, 45%, 51%
CMY	0.5804, 0.5529, 0.4863
CMYK	0.18, 0.13, 0.00, 0.49
HSL	222°, 10%, 47%
HSV	222°, 18%, 51%
XYZ	16.1775, 16.7991, 23.8626
YIQ	113.8450, -9.6290, 3.8030

Conversions

Conversions Part 2

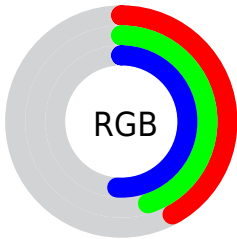
Format	Color
RYB	107, 112, 131
Decimal	7041667
CIELab	48.01, 1.21, -10.23
CIELCh	48, 10.298, 276.728
Yxy	16.7991, 0.2846, 0.2956
Android (android.graphics.Color)	4285231747 (0xFF6B7283)
YUV	113.8450, 8.4574, -6.0031
Hunter-Lab	40.9867, -1.2729, -5.8282

Details

The Hex color **6B7283** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **837C6B**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **9FA6B8**, and **3B4252** is the 20% darker color. If you saturate the color by 10%, you get **5E6983**, and if you desaturate by 10%, it is **787B83**.

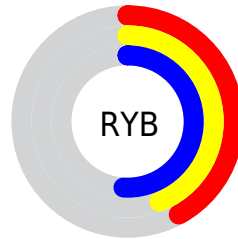
Distribution



Red (42%)

Green (45%)

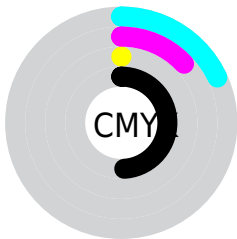
Blue (51%)



Red (42%)

Yellow (44%)

Blue (51%)

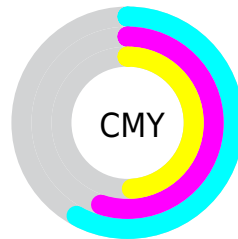


Cyan (18%)

Magenta (13%)

Yellow (0%)

Black (49%)



Cyan (58%)

Magenta (55%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B7283 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 6B7283 by changing the saturation by 10% instead.

■ 6B7283

■ 6B7283

FFFFFF

■ 535A6A

■ 9FA6B8

■ 3B4252

■ BAC1D4

■ 252C3B

■ D5DDF0

■ 101825

■ F2F9FF

■ 000110

■ 000000

■ 6B7283

■ 6B7283

■ 5E6983

■ 787B83

■ 515F83

■ 858583

■ 445683

■ 928E83

■ 374D83

■ 9F9783

■ 2A4483

■ ADA083

■ 1C3A83

■ BAAA83

■ 0F3183

■ C7B383

■ 022883

■ D4BC83

■ 002683

■ E1C683

Harmonies

Analogous

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



617582



6B7283



766F80

Triad

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



6B7283



846D68



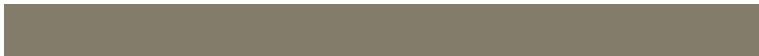
64766B

Complementary

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



6B7283



837C6B

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.



6D7564



6B7283



7F6F62

Square

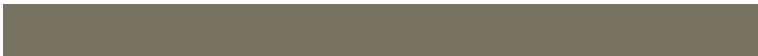
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



6B7283



846C70



777261



5D7774

Rectangle

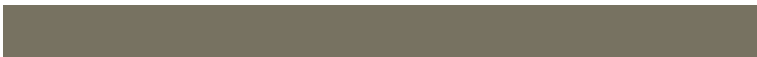
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



6B7283



7C6D7C



777261



677668

Sweetspot

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



6B7283



A2A5AB



6B837C



515357



D6D6D6



575757

Same Dimension

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



6B7283



8590AB



706B83



3C3E42



002682



000103

Inverse Universe

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



836B72



AB8590



7E836B



423C3E



820026



030001

Previews

White Background



This preview shows how the Hex color 6B7283 looks on a white background.

Color Contrast Check

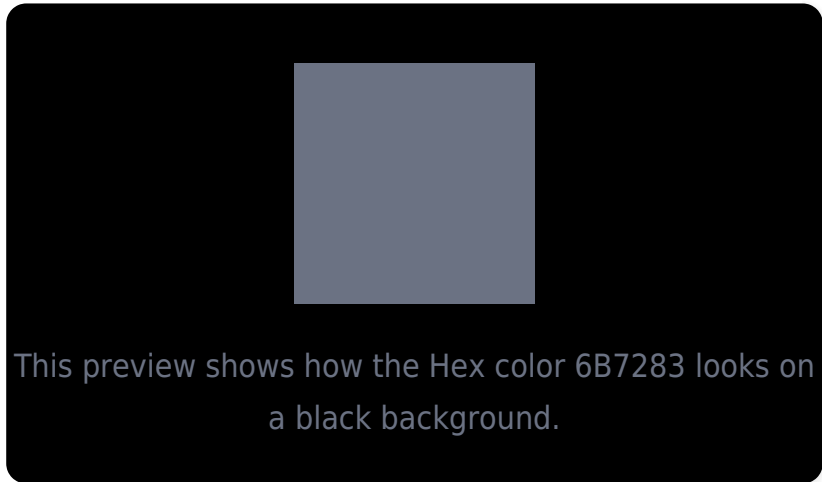
Large Text (above 18pt) WCAG AA ✓ Pass

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

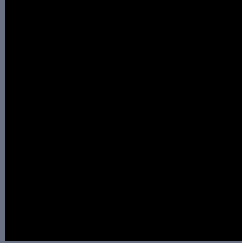
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

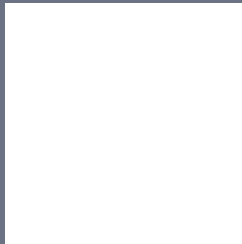
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 6B7283 Background



This preview shows how black text looks on a background with the Hex color 6B7283.



This preview shows how white text looks on a background with the Hex color 6B7283.

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](#).

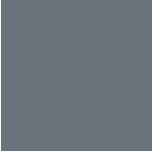
Dichromacy



Original Color
6B7283

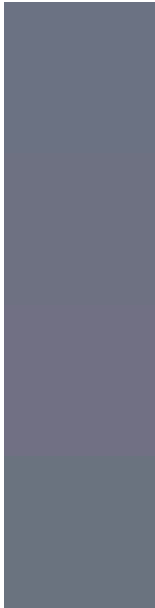
Protanopia
6F7182

Deuteranopia
746F84



Tritanopia
6A737C

Trichromacy



Original Color
6B7283

Protanomaly
6E7182

Deuteranomaly
717084

Tritanomaly
6A737F

Monochromacy



Original Color
6B7283

Achromatopsia
727272

Achromatomaly
6F7278

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B7283 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 #6B7283 looks like.

```
.text, #text, p{  
    color:#6B7283  
}
```

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 #6B7283 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B7283
}
```

Border

The CSS property to change the border of an element to Hex 6B7283 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
#6B7283 }
```

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

```
.border{ border-color:#6B7283 }
```

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

Here you see how a box with a 4 pixel #6B7283 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B7283; -webkit-box-shadow:4px 4px  
4px 4px #6B7283; box-shadow:4px 4px 4px  
4px #6B7283 }
```

Background

The CSS property to change the background color of an element to Hex 6B7283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B7283 }
```

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

```
.background{ background-color:#6B7283 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor