

Converting Colors

Hex(6A6A84)

Have a look what the booklet for
Hex(6A6A84) contains.

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Color

Hex(6A6A84)

Conversions

Conversions Part 1

Format	Color
Hex	6A6A84
RGB	106, 106, 132
RGB Percent	42%, 42%, 52%
CMY	0.5843, 0.5843, 0.4824
CMYK	0.20, 0.20, 0.00, 0.48
HSL	240°, 11%, 47%
HSV	240°, 20%, 52%
XYZ	15.2628, 15.0382, 23.9280
YIQ	108.9640, -8.3460, 8.0860

Conversions

Conversions Part 2

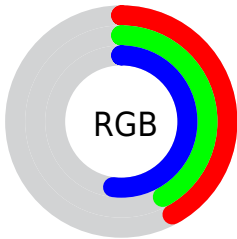
Format	Color
R_{YB}	106, 106, 132
Decimal	6974084
CIE _{Lab}	45.69, 5.88, -14.34
CIE _{LCh}	46, 15.495, 292.301
Yxy	15.0382, 0.2815, 0.2773
Android (android.graphics.Color)	4285164164 (0xFF6A6A84)
YUV	108.9640, 11.3567, -2.5994
Hunter-Lab	38.7791, 2.3910, -9.4386

Details

The Hex color **6A6A84** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **84846A**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **9E9DB9**, and **3A3B52** is the 20% darker color. If you saturate the color by 10%, you get **5D5D84**, and if you desaturate by 10%, it is **777784**.

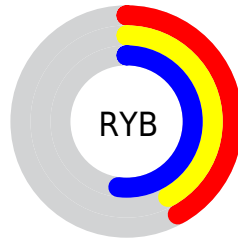
Distribution



Red (42%)

Green (42%)

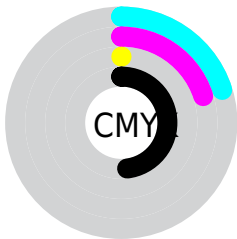
Blue (52%)



Red (42%)

Yellow (42%)

Blue (52%)

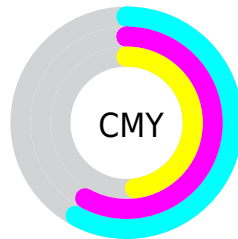


Cyan (20%)

Magenta (20%)

Yellow (0%)

Black (48%)



Cyan (58%)

Magenta (58%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A6A84 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 6A6A84 by changing the saturation by 10% instead.



6A6A84



6A6A84

FFFFFF



52526B



9E9DB9



3A3B52



B9B8D5



24253B



D4D4F1



0F1126



F1F0FF



000110



000000



6A6A84



6A6A84



5D5D84



777784



505084



848484

■ 424284

■ 929284

■ 353584

■ 9F9F84

■ 282884

■ ACAC84

■ 1B1B84

■ B9B984

■ 0E0E84

■ C6C684

■ 000084

■ D4D484

■ E1E184

Harmonies

Analogous

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



596E86



6A6A84



7A667C

Triad

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



6A6A84



836658



507368

Complementary

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



6A6A84



84846A

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.



5D725C



6A6A84



796A53

Square

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



6A6A84



876363



6C6E54



487375

Rectangle

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



6A6A84



816474



6C6E54



547364

Sweetspot

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



6A6A84



A1A1AB



6A8484



515157



D6D6D6



575757

Same Dimension

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



6A6A84



8282AB



776A84



3C3C42



000082



000003

Inverse Universe

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



846A84



AB82AB



77846A



423C42



820082



030003

Previews

White Background



This preview shows how the Hex color 6A6A84 looks on a white background.

Color Contrast Check

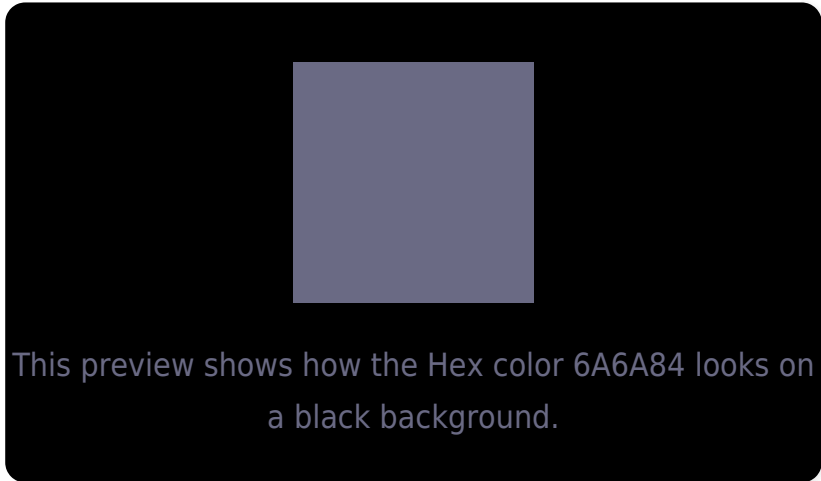
Large Text (above 18pt) WCAG AA ✓ Pass

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

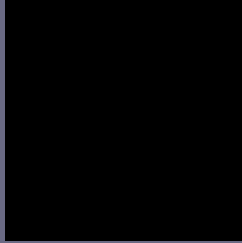
Any Text WCAG AA × Fail

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 6A6A84 Background



This preview shows how black text looks on a background with the Hex color 6A6A84.



This preview shows how white text looks on a background with the Hex color 6A6A84.

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


6A6A84

Protanopia

666B85

Deuteranopia

6B6A84



Tritanopia
676D75

Trichromacy



Original Color

6A6A84

Protanomaly

676B85

Deuteranomaly

6B6A84

Tritanomaly

686C7A

Monochromacy



Original Color

6A6A84

Achromatopsia

6D6D6D

Achromatomaly

6C6C75

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A6A84 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 #6A6A84 looks like.

```
.text, #text, p{  
    color:#6A6A84  
}
```

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 #6A6A84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A6A84
}
```

Border

The CSS property to change the border of an element to Hex 6A6A84 is called "border". The border property can be set on classes, ids or directly on the HTML element.

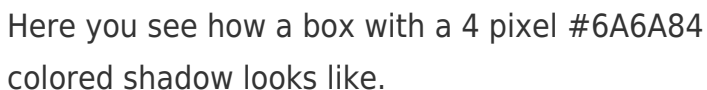
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A6A84 }
```

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

```
.border{ border-color:#6A6A84 }
```

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



Here you see how a box with a 4 pixel #6A6A84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A6A84; -webkit-box-shadow:4px 4px  
4px 4px #6A6A84; box-shadow:4px 4px 4px  
4px #6A6A84 }
```

Background

The CSS property to change the background color of an element to Hex 6A6A84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A6A84 }
```

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

```
.background{ background-color:#6A6A84 }
```

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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