

# Converting Colors

Hex(6A6A86)

Have a look what the booklet for  
Hex(6A6A86) contains.

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# Color

**Hex(6A6A86)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6A6A86
RGB	106, 106, 134
RGB Percent	42%, 42%, 53%
CMY	0.5843, 0.5843, 0.4745
CMYK	0.21, 0.21, 0.00, 0.47
HSL	240°, 12%, 47%
HSV	240°, 21%, 53%
XYZ	15.4010, 15.0935, 24.6559
YIQ	109.1920, -8.9880, 8.7080

# Conversions

## Conversions Part 2

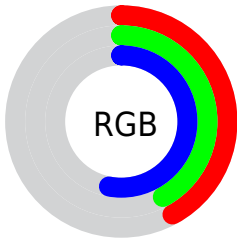
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 106, 134
Decimal	6974086
CIE Lab	45.76, 6.37, -15.42
CIE LCh	46, 16.683, 292.457
Yxy	15.0935, 0.2793, 0.2737
Android (android.graphics.Color)	4285164166 (0xFF6A6A86)
YUV	109.1920, 12.2303, -2.7994
Hunter-Lab	38.8503, 2.7726, -10.4324

# Details

The Hex color **6A6A86** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **86866A**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **9E9DBB**, and **3A3B54** is the 20% darker color. If you saturate the color by 10%, you get **5D5D86**, and if you desaturate by 10%, it is **777786**.

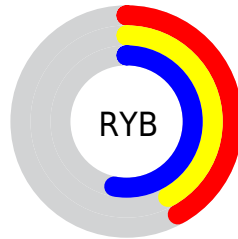
# Distribution



Red (42%)

Green (42%)

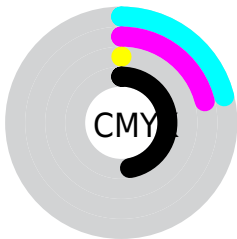
Blue (53%)



Red (42%)

Yellow (42%)

Blue (53%)

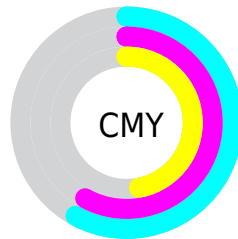


Cyan (21%)

Magenta (21%)

Yellow (0%)

Black (47%)



Cyan (58%)

Magenta (58%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A6A86 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 6A6A86 by changing the saturation by 10% instead.





6A6A86



6A6A86

FFFFFF



52526D



9E9DBB



3A3B54



B9B8D7



24253D



D4D4F3



0F1127



F1F0FF



000112



000000



6A6A86



6A6A86



5D5D86



777786



4F4F86



858586

■ 424286

■ 929286

■ 343486

■ A0A086

■ 272786

■ ADAD86

■ 1A1A86

■ BABA86

■ 0C0C86

■ C8C886

■ 000086

■ D5D586

■ E3E386

# Harmonies

## Analogous

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



576F88



6A6A86



7B657D

# Triad

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



6A6A86



856657



4D7468

# Complementary

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



6A6A86



86866A

# 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.



5C725B



6A6A86



7A6A51

# Square

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



6A6A86



896362



6C6F52



457476

# Rectangle

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



6A6A86



836375



6C6F52



527463



# Sweetspot

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



6A6A86



A3A3AD



6A8686



515157



D6D6D6



575757



# Same Dimension

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



6A6A86



8282AD



786A86



3C3C42



000082



000003



# Inverse Universe

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



866A86



AD82AD



78866A



423C42



820082



030003



# Previews

## White Background



This preview shows how the Hex color 6A6A86 looks on a white background.

## Color Contrast Check

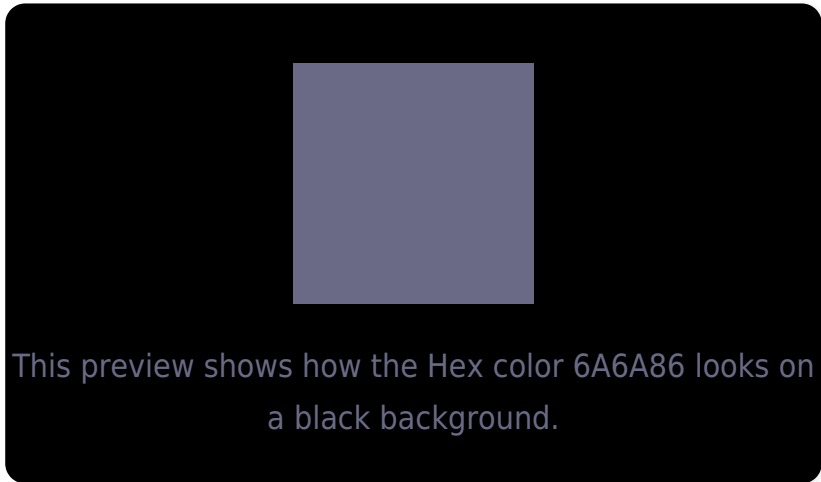
Large Text (above 18pt) WCAG AA ✓ Pass

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

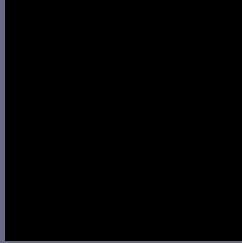
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

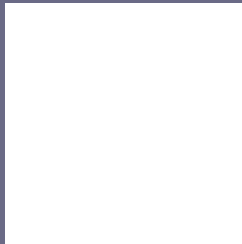
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6A6A86 Background



This preview shows how black text looks on a background with the Hex color 6A6A86.



This preview shows how white text looks on a background with the Hex color 6A6A86.

# 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**  
6A6A86

**Protanopia**  
666B87

**Deuteranopia**  
6A6A86



**Tritanopia**  
676D76

# Trichromacy



**Original Color**  
6A6A86

**Protanomaly**  
676B87

**Deuteranomaly**  
6A6A86

**Tritanomaly**  
686C7C

# Monochromacy



**Original Color**  
6A6A86

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
6C6C76

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A6A86 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 #6A6A86 looks like.

```
.text, #text, p{  
    color:#6A6A86  
}
```

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 #6A6A86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A6A86
}
```

## Border

The CSS property to change the border of an element to Hex 6A6A86 is called "border". The border property can be set on classes, ids or directly on the HTML element.

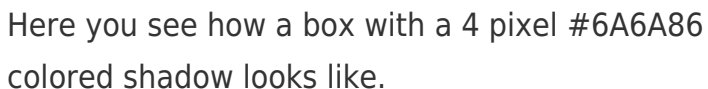
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A6A86 }
```

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

```
.border{ border-color:#6A6A86 }
```

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



Here you see how a box with a 4 pixel #6A6A86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A6A86; -webkit-box-shadow:4px 4px  
4px 4px #6A6A86; box-shadow:4px 4px 4px  
4px #6A6A86 }
```

# Background

The CSS property to change the background color of an element to Hex 6A6A86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A6A86 }
```

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

```
.background{ background-color:#6A6A86 }
```

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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