

# Converting Colors

Hex(6A7387)

Have a look what the booklet for  
Hex(6A7387) contains.

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# Color

Hex(6A7387)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A7387
RGB	106, 115, 135
RGB Percent	42%, 45%, 53%
CMY	0.5843, 0.5490, 0.4706
CMYK	0.21, 0.15, 0.00, 0.47
HSL	221°, 12%, 47%
HSV	221°, 21%, 53%
XYZ	16.4478, 17.0749, 25.3506
YIQ	114.5890, -11.7840, 4.3120

# Conversions

## Conversions Part 2

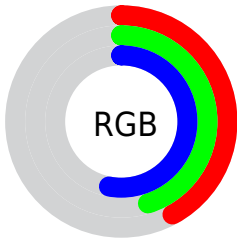
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	106, 113, 135
Decimal	6976391
CIE Lab	48.35, 1.24, -12.08
CIE LCh	48, 12.146, 275.859
Yxy	17.0749, 0.2794, 0.2900
Android (android.graphics.Color)	4285166471 (0xFF6A7387)
YUV	114.5890, 10.0626, -7.5326
Hunter-Lab	41.3218, -1.2628, -7.4486

# Details

The Hex color **6A7387** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **877E6A**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **9EA7BC**, and **3A4355** is the 20% darker color. If you saturate the color by 10%, you get **5D6A87**, and if you desaturate by 10%, it is **787C87**.

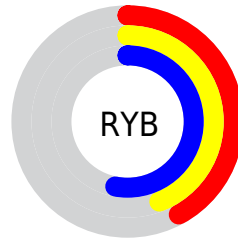
# Distribution



Red (42%)

Green (45%)

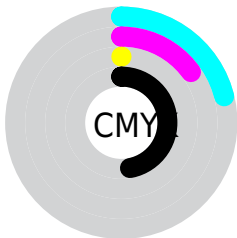
Blue (53%)



Red (42%)

Yellow (44%)

Blue (53%)

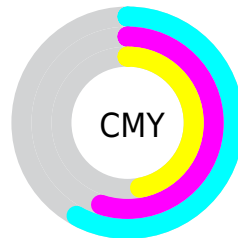


Cyan (21%)

Magenta (15%)

Yellow (0%)

Black (47%)



Cyan (58%)

Magenta (55%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A7387 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 6A7387 by changing the saturation by 10% instead.





6A7387



6A7387

FFFFFF



525A6E



9EA7BC



3A4355



B9C2D8



242D3E



D4DEF4



0E1828



F1FAFF



000114



000000



6A7387



6A7387



5D6A87



787C87



4F6087



858687

■ 425787

■ 938F87

■ 344E87

■ A09887

■ 274487

■ AEA287

■ 193B87

■ BBAB87

■ 0B3287

■ C9B487

■ 002A87

■ D6BD87

■ E3C787

# Harmonies

## Analogous

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



5E7685



6A7387



777083

# Triad

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



6A7387



886D67



62786A

# Complementary

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



6A7387



877E6A

# 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.



6D7662



6A7387



826F60

# Square

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



6A7387



886C71



79735E



5A7974

# Rectangle

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



6A7387



7F6E7E



79735E



667767



# Sweetspot

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



6A7387



A5A9B0



6A877E



535559



D9D9D9



595959



# Same Dimension

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



6A7387



8290B0



6F6A87



3C3E42



002882



000103



# Inverse Universe

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



876A73



B08290



82876A



423C3E



820028

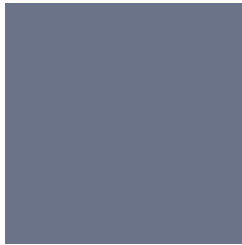


030001



# Previews

## White Background



This preview shows how the Hex color 6A7387 looks on a white background.

## Color Contrast Check

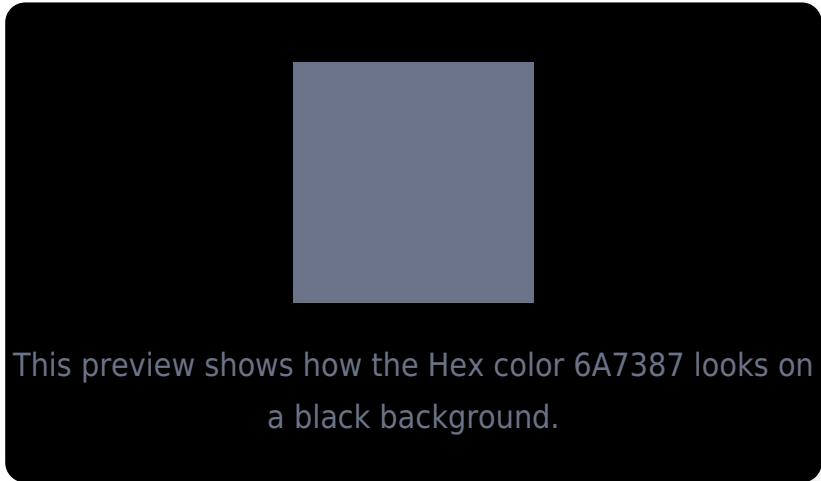
Large Text (above 18pt) WCAG AA ✓ Pass

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

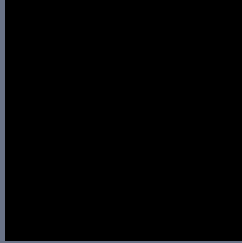
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

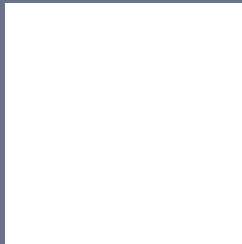
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6A7387 Background



This preview shows how black text looks on a background with the Hex color 6A7387.

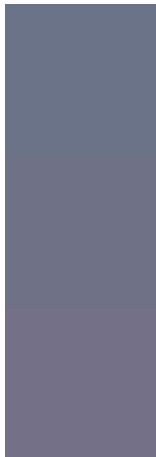


This preview shows how white text looks on a background with the Hex color 6A7387.

# 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**  
6A7387

**Protanopia**  
6F7286

**Deuteranopia**  
747088



**Tritanopia**  
68757E

# Trichromacy



**Original Color**  
6A7387

**Protanomaly**  
6D7286

**Deuteranomaly**  
707188

**Tritanomaly**  
697481

# Monochromacy



**Original Color**  
6A7387

**Achromatopsia**  
737373

**Achromatomaly**  
70737A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A7387 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 #6A7387 looks like.

```
.text, #text, p{  
    color:#6A7387  
}
```

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 #6A7387 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A7387
}
```

## Border

The CSS property to change the border of an element to Hex 6A7387 is called "border". The border property can be set on classes, ids or directly on the HTML element.

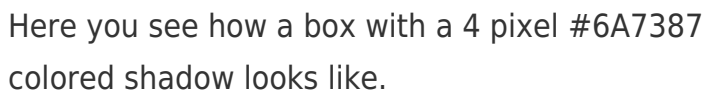
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A7387 }
```

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

```
.border{ border-color:#6A7387 }
```

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



Here you see how a box with a 4 pixel #6A7387 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A7387; -webkit-box-shadow:4px 4px  
4px 4px #6A7387; box-shadow:4px 4px 4px  
4px #6A7387 }
```

# Background

The CSS property to change the background color of an element to Hex 6A7387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A7387 }
```

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

```
.background{ background-color:#6A7387 }
```

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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