

# Converting Colors

Hex(6E6478)

Have a look what the booklet for  
Hex(6E6478) contains.

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# Color

**Hex(6E6478)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6E6478
RGB	110, 100, 120
RGB Percent	43%, 39%, 47%
CMY	0.5686, 0.6078, 0.5294
CMYK	0.08, 0.17, 0.00, 0.53
HSL	270°, 9%, 43%
HSV	270°, 17%, 47%
XYZ	14.3777, 13.7854, 19.6724
YIQ	105.2700, -0.4600, 8.3400

# Conversions

## Conversions Part 2

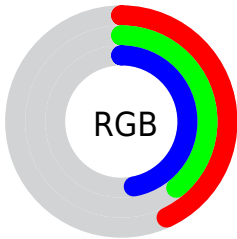
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	110, 100, 120
Decimal	7234680
CIE Lab	43.92, 8.12, -9.75
CIE LCh	44, 12.688, 309.795
Yxy	13.7854, 0.3006, 0.2882
Android (android.graphics.Color)	4285424760 (0xFF6E6478)
YUV	105.2700, 7.2619, 4.1482
Hunter-Lab	37.1287, 4.1472, -5.4243

# Details

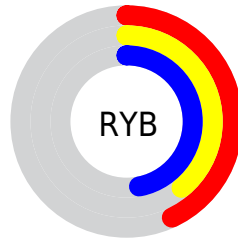
The Hex color **6E6478** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6E7864**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **A297AC**, and **3E3548** is the 20% darker color. If you saturate the color by 10%, you get **685878**, and if you desaturate by 10%, it is **747078**.

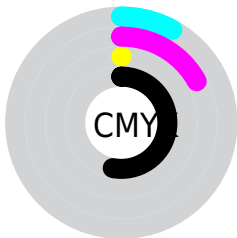
# Distribution



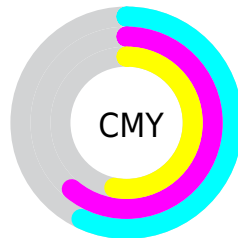
- Red (43%)
- Green (39%)
- Blue (47%)



- Red (43%)
- Yellow (39%)
- Blue (47%)



- Cyan (8%)
- Magenta (17%)
- Yellow (0%)
- Black (53%)



- Cyan (57%)
- Magenta (61%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E6478 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 6E6478 by changing the saturation by 10% instead.





6E6478



6E6478

FFFFFF



564C5F



A297AC



3E3548



BDB2C8



282031



D9CDE4



15091C



F5E9FF



000000



6E6478



6E6478



685878



747078



624C78



7A7C78



5C4078



808878

■ 563478

■ 869478

■ 502878

■ 8CA078

■ 4A1C78

■ 92AC78

■ 441078

■ 98B878

■ 3E0478

■ 9EC478

■ 3C0078

■ A4D078

# Harmonies

## Analogous

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



60687C



6E6478



78616F

# Triad

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



6E6478



776554



4D6E6B

# Complementary

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



6E6478



6E7864

# 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.



556D60



6E6478



6C6853

# Square

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



6E6478



7D625B



616B57



4C6D75

# Rectangle

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



6E6478



7D6068



616B57



4F6E67



# Sweetspot

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



6E6478



98949C



646E78



4D4A4F



CFCFCF



4F4F4F



# Same Dimension

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



6E6478



8C7C9C



786478



3A373D



3E007D



7E00FC



# Inverse Universe

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



78646E



9C7C8C



647864



3D373A



7D003E



FC007E



# Previews

## White Background



This preview shows how the Hex color 6E6478 looks on a white background.

## Color Contrast Check

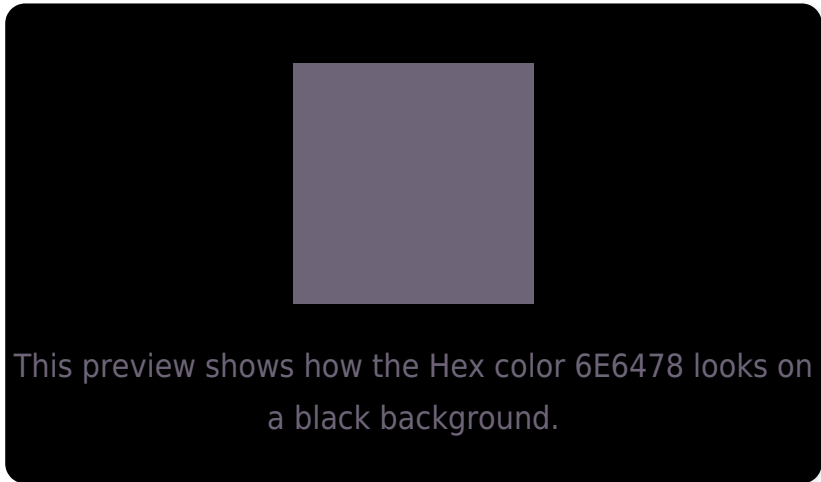
Large Text (above 18pt) WCAG AA ✓ Pass

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 6E6478 Background



This preview shows how black text looks on a background with the Hex color 6E6478.



This preview shows how white text looks on a background with the Hex color 6E6478.

# 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**  
6E6478

**Protanopia**  
64677A

**Deuteranopia**  
6A6578



**Tritanopia**  
6C666E

# Trichromacy



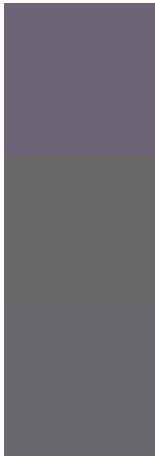
**Original Color**  
6E6478

**Protanomaly**  
686679

**Deuteranomaly**  
6B6578

**Tritanomaly**  
6D6572

# Monochromacy



**Original Color**  
6E6478

**Achromatopsia**  
696969

**Achromatomaly**  
6B676E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E6478 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 #6E6478 looks like.

```
.text, #text, p{  
    color:#6E6478  
}
```

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 #6E6478 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E6478  
}
```

## Border

The CSS property to change the border of an element to Hex 6E6478 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  
#6E6478 }
```

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

```
.border{ border-color:#6E6478 }
```

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

Here you see how a box with a 4 pixel #6E6478 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E6478; -webkit-box-shadow:4px 4px  
4px 4px #6E6478; box-shadow:4px 4px 4px  
4px #6E6478 }
```

# Background

The CSS property to change the background color of an element to Hex 6E6478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E6478 }
```

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

```
.background{ background-color:#6E6478 }
```

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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