

# Converting Colors

Hex(6A646A)

Have a look what the booklet for  
Hex(6A646A) contains.

<b>Hex(6A646A)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(6A646A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6A646A
RGB	106, 100, 106
RGB Percent	42%, 39%, 42%
CMY	0.5843, 0.6078, 0.5843
CMYK	0.00, 0.06, 0.00, 0.58
HSL	300°, 3%, 40%
HSV	300°, 6%, 42%
XYZ	13.1025, 13.2191, 15.4966
YIQ	102.4780, 1.6500, 3.1380

# Conversions

## Conversions Part 2

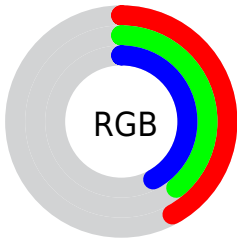
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 100, 106
Decimal	6972522
CIE <sub>Lab</sub>	43.09, 3.59, -2.54
CIE <sub>LCh</sub>	43, 4.394, 324.696
Yxy	13.2191, 0.3133, 0.3161
Android (android.graphics.Color)	4285162602 (0xFF6A646A)
YUV	102.4780, 1.7363, 3.0888
Hunter-Lab	36.3581, 0.7002, 0.1800

# Details

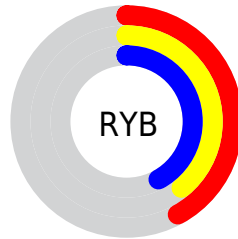
The Hex color **6A646A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **646A64**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **9D979D**, and **3B353B** is the 20% darker color. If you saturate the color by 10%, you get **6A596A**, and if you desaturate by 10%, it is **6A6F6A**.

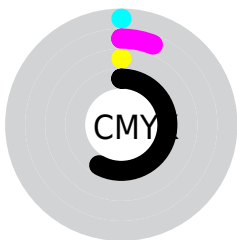
# Distribution



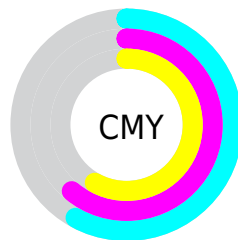
- Red (42%)
- Green (39%)
- Blue (42%)



- Red (42%)
- Yellow (39%)
- Blue (42%)



- Cyan (0%)
- Magenta (6%)
- Yellow (0%)
- Black (58%)



- Cyan (58%)
- Magenta (61%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A646A 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 6A646A by changing the saturation by 10% instead.





6A646A



6A646A

FFFFFF



524C52



9D979D



3B353B



B8B1B8



252025



D4CDD4



100910



F0E9F0



000000



6A646A



6A646A



6A596A



6A6F6A



6A4F6A



6A796A



6A446A



6A846A

 6A3A6A

 6A8E6A

 6A2F6A

 6A996A

 6A246A

 6AA46A

 6A1A6A

 6AAE6A

 6A0F6A

 6AB96A

 6A056A

 6AC36A

# Harmonies

## Analogous

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



66656C



6A646A



6D6367

# Triad

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



6A646A



6A655F



5D6869

# Complementary

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



6A646A



646A64

# 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.



5E6865



6A646A



66665F

# Square

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



6A646A



6D6460



616761



5E676C

# Rectangle

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



6A646A



6E6364



616761



5D6867



# Sweetspot

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



6A646A



8A878A



64646A



454345



C4C4C4



454545



# Same Dimension

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



6A646A



8A808A



6A6467



363136



750075



F500F5



# Inverse Universe

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



6A646A



8A808A



646A67



363136



750075



F500F5



# Previews

## White Background



This preview shows how the Hex color 6A646A looks on a white background.

## Color Contrast Check

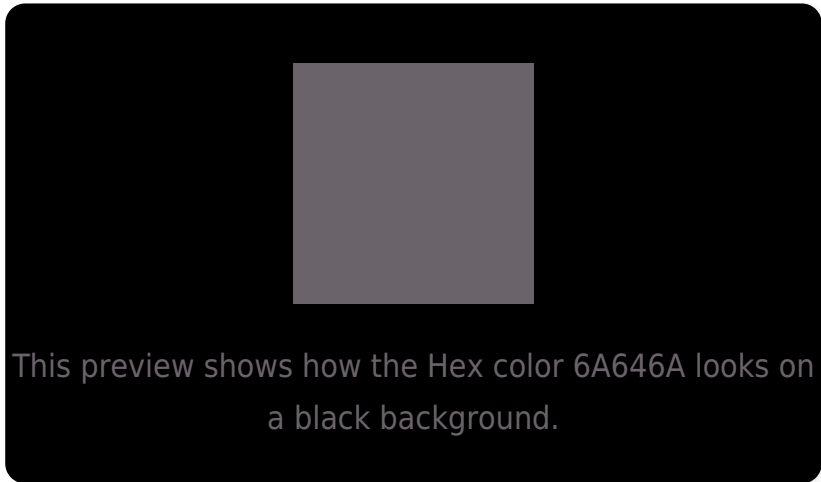
Large Text (above 18pt) WCAG AA ✓ Pass

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

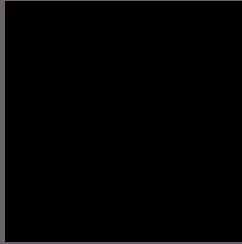
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6A646A Background



This preview shows how black text looks on a background with the Hex color 6A646A.



This preview shows how white text looks on a background with the Hex color 6A646A.

# 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**


6A646A

**Protanopia**

66656B

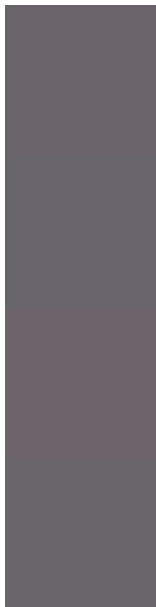
**Deuteranopia**

6E636A



**Tritanopia**  
6A646C

# Trichromacy



**Original Color**

6A646A

**Protanomaly**

67656B

**Deuteranomaly**

6D636A

**Tritanomaly**

6A646B

# Monochromacy



**Original Color**

6A646A

**Achromatopsia**

666666

**Achromatomaly**

676567

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A646A 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 #6A646A looks like.

```
.text, #text, p{  
    color:#6A646A  
}
```

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 #6A646A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A646A
}
```

## Border

The CSS property to change the border of an element to Hex 6A646A is called "border". The border property can be set on classes, ids or directly on the HTML element.

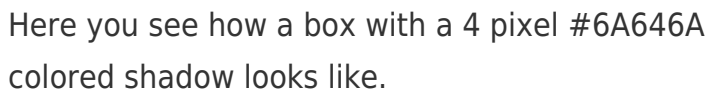
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A646A }
```

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

```
.border{ border-color:#6A646A }
```

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



Here you see how a box with a 4 pixel #6A646A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A646A; -webkit-box-shadow:4px 4px  
4px 4px #6A646A; box-shadow:4px 4px 4px  
4px #6A646A }
```

# Background

The CSS property to change the background color of an element to Hex 6A646A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A646A }
```

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

```
.background{ background-color:#6A646A }
```

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