

# Converting Colors

Hex(6D6972)

Have a look what the booklet for  
Hex(6D6972) contains.

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# Color

**Hex(6D6972)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6D6972
RGB	109, 105, 114
RGB Percent	43%, 41%, 45%
CMY	0.5725, 0.5882, 0.5529
CMYK	0.04, 0.08, 0.00, 0.55
HSL	267°, 4%, 43%
HSV	267°, 8%, 45%
XYZ	14.3955, 14.5693, 17.9730
YIQ	107.2220, -0.5050, 3.6470

# Conversions

## Conversions Part 2

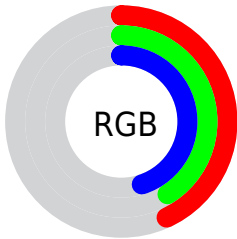
Format	Color
<a href="#">RYB</a>	<a href="#">109, 105, 114</a>
Decimal	<a href="#">7170418</a>
CIELab	<a href="#">45.04, 3.42, -4.47</a>
CIELCh	<a href="#">45, 5.633, 307.446</a>
Yxy	<a href="#">14.5693, 0.3067, 0.3104</a>
Android (android.graphics.Color)	<a href="#">4285360498 (0xFF6D6972)</a>
YUV	<a href="#">107.2220, 3.3416, 1.5593</a>
Hunter-Lab	<a href="#">38.1697, 0.5234, -1.1992</a>

# Details

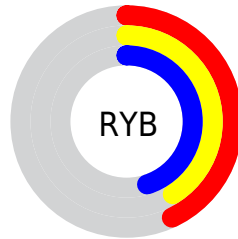
The Hex color **6D6972** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6E7269**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **A09CA6**, and **3E3A42** is the 20% darker color. If you saturate the color by 10%, you get **675E72**, and if you desaturate by 10%, it is **737472**.

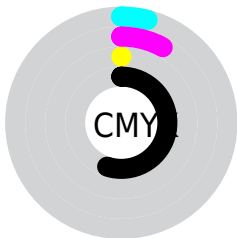
# Distribution



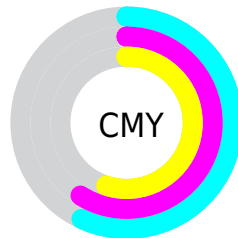
- Red (43%)
- Green (41%)
- Blue (45%)



- Red (43%)
- Yellow (41%)
- Blue (45%)



- Cyan (4%)
- Magenta (8%)
- Yellow (0%)
- Black (55%)



- Cyan (57%)
- Magenta (59%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D6972 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 6D6972 by changing the saturation by 10% instead.





6D6972



6D6972

FFFFFF



55515A



A09CA6



3E3A42



BBB7C1



28242C



D7D3DD



130F18



F4EFF9



000000



6D6972



6D6972



675E72



737472



605272



7A8072



5A4772



808B72

■ 543B72

■ 869772

■ 4D3072

■ 8DA272

■ 472572

■ 93AD72

■ 411972

■ 99B972

■ 3A0E72

■ A0C472

■ 340272

■ A6D072

# Harmonies

## Analogous

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



676B74



6D6972



72686E

# Triad

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



6D6972



726962



606D6C

# Complementary

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



6D6972



6E7269

# 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.



636D67



6D6972



6D6B61

# Square

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



6D6972



756865



686C63



5F6D70

# Rectangle

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



6D6972



74676B



686C63



606D6A



# Sweetspot

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



6D6972



929194



696E72



49484A



C9C9C9



4A4A4A



# Same Dimension

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



6D6972



8D8794



716972



353238



350078



6E00F7



# Inverse Universe

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



72696E



94878E



6A7269



383236



780043



F70089



# Previews

## White Background



This preview shows how the Hex color 6D6972 looks on a white background.

## Color Contrast Check

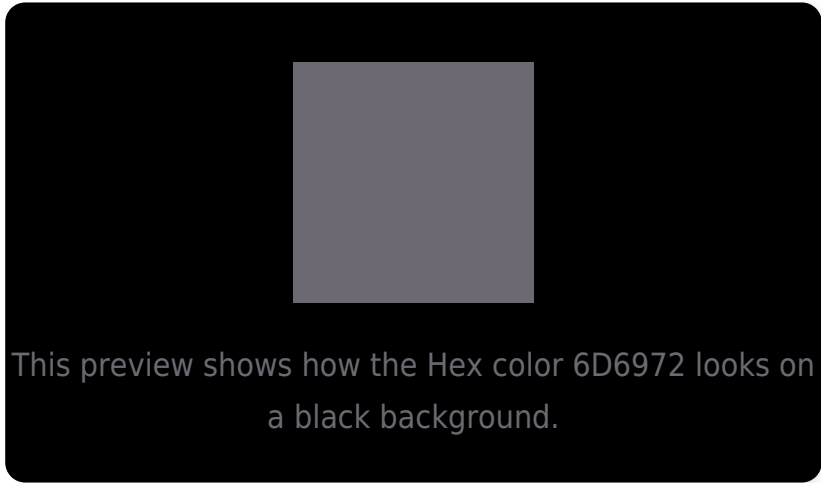
Large Text (above 18pt) WCAG AA ✓ Pass

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

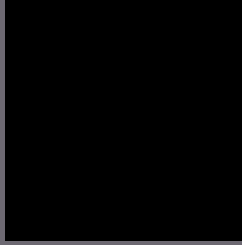
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6D6972 Background



This preview shows how black text looks on a background with the Hex color 6D6972.



This preview shows how white text looks on a background with the Hex color 6D6972.

# 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**  
6D6972

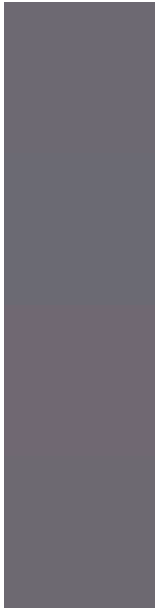
**Protanopia**  
6A6A73

**Deuteranopia**  
716772



**Tritanopia**  
6D6971

# Trichromacy



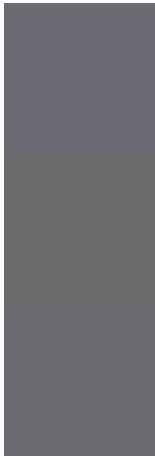
**Original Color**  
6D6972

**Protanomaly**  
6B6A73

**Deuteranomaly**  
706872

**Tritanomaly**  
6D6971

# Monochromacy



**Original Color**  
6D6972

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
6C6A6E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D6972 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 #6D6972 looks like.

```
.text, #text, p{  
    color:#6D6972  
}
```

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 #6D6972 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D6972
}
```

## Border

The CSS property to change the border of an element to Hex 6D6972 is called "border". The border property can be set on classes, ids or directly on the HTML element.

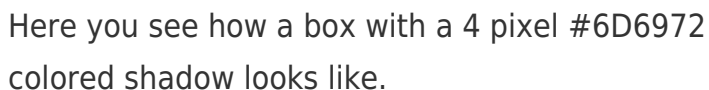
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D6972 }
```

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

```
.border{ border-color:#6D6972 }
```

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



Here you see how a box with a 4 pixel #6D6972 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D6972; -webkit-box-shadow:4px 4px  
4px 4px #6D6972; box-shadow:4px 4px 4px  
4px #6D6972 }
```

# Background

The CSS property to change the background color of an element to Hex 6D6972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D6972 }
```

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

```
.background{ background-color:#6D6972 }
```

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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