

Converting Colors

Hex(686972)

Have a look what the booklet for
Hex(686972) contains.

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Color

Hex(686972)

Conversions

Conversions Part 1

Format	Color
Hex	686972
RGB	104, 105, 114
RGB Percent	41%, 41%, 45%
CMY	0.5922, 0.5882, 0.5529
CMYK	0.09, 0.08, 0.00, 0.55
HSL	234°, 5%, 43%
HSV	234°, 9%, 45%
XYZ	13.7978, 14.2611, 17.9450
YIQ	105.7270, -3.4850, 2.5870

Conversions

Conversions Part 2

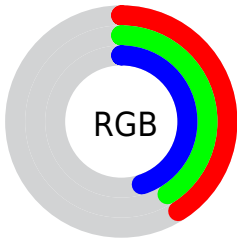
Format	Color
R_{YB}	104, 105, 114
Decimal	6842738
CIE Lab	44.61, 1.55, -5.16
CIE LCh	45, 5.391, 286.730
Yxy	14.2611, 0.2999, 0.3100
Android (android.graphics.Color)	4285032818 (0xFF686972)
YUV	105.7270, 4.0786, -1.5146
Hunter-Lab	37.7639, -0.8684, -1.7393

Details

The Hex color **686972** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **727168**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **9B9CA6**, and **393A42** is the 20% darker color. If you saturate the color by 10%, you get **5D5F72**, and if you desaturate by 10%, it is **737372**.

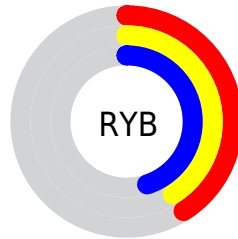
Distribution



Red (41%)

Green (41%)

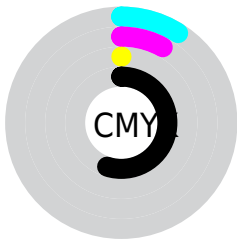
Blue (45%)



Red (41%)

Yellow (41%)

Blue (45%)

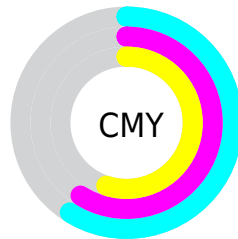


Cyan (9%)

Magenta (8%)

Yellow (0%)

Black (55%)



Cyan (59%)

Magenta (59%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 686972 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 686972 by changing the saturation by 10% instead.



686972



686972

FFFFFF



50515A



9B9CA6



393A42



B6B7C1



23242C



D2D3DD



0E0F18



EEEF9



000000



686972



686972



5D5F72



737372



515472



7F7E72



464A72



8A8872

■ 3A4072

■ 969272

■ 2F3672

■ A19C72

■ 242B72

■ ACA772

■ 182172

■ B8B172

■ 0D1772

■ C3BB72

■ 010D72

■ CFC572

Harmonies

Analogous

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



636A72



686972



6D6870

Triad

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



686972



736763



616C67

Complementary

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



686972



727168

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.



656B63



686972



6F6861

Square

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



686972



736767



6B6A61



5F6C6C

Rectangle

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



686972



70676D



6B6A61



626C66

Sweetspot

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



686972



8F9094



687271



47474A



C9C9C9



4A4A4A

Same Dimension

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



686972



848594



6C6872



323338



000C78



0019F7

Inverse Universe

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



726869



948485



6E7268



383233



78000C



F70019

Previews

White Background



This preview shows how the Hex color 686972 looks on a white background.

Color Contrast Check

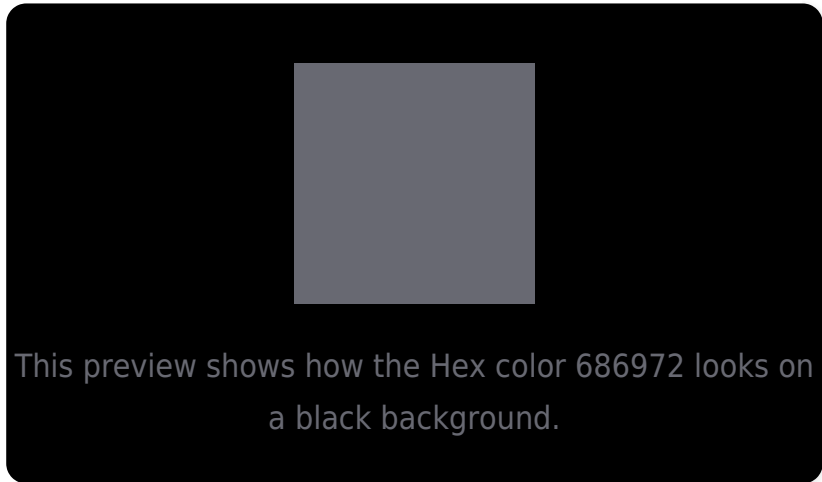
Large Text (above 18pt) WCAG AA ✓ Pass

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

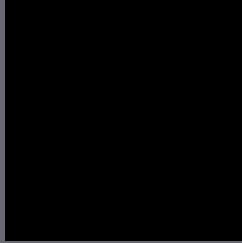
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

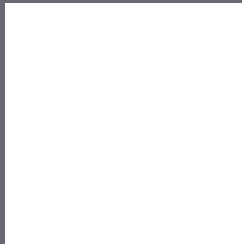
Any Text WCAG AAA × Fail

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

Hex 686972 Background



This preview shows how black text looks on a background with the Hex color 686972.



This preview shows how white text looks on a background with the Hex color 686972.

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
686972

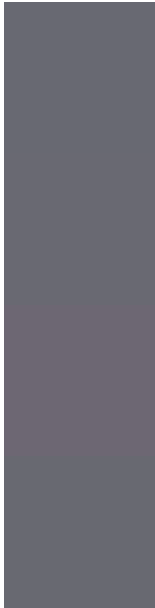
Protanopia
696972

Deuteranopia
706673



Tritanopia
686971

Trichromacy



Original Color

686972

Protanomaly

696972

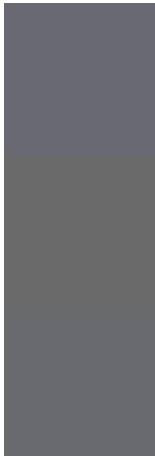
Deuteranomaly

6D6773

Tritanomaly

686971

Monochromacy



Original Color

686972

Achromatopsia

6A6A6A

Achromatomaly

696A6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 686972 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 #686972 looks like.

```
.text, #text, p{  
    color:#686972  
}
```

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 #686972 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #686972
}
```

Border

The CSS property to change the border of an element to Hex 686972 is called "border". The border property can be set on classes, ids or directly on the HTML element.

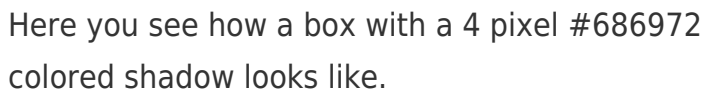
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#686972 }
```

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

```
.border{ border-color:#686972 }
```

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



Here you see how a box with a 4 pixel #686972 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #686972; -webkit-box-shadow:4px 4px  
4px 4px #686972; box-shadow:4px 4px 4px  
4px #686972 }
```

Background

The CSS property to change the background color of an element to Hex 686972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#686972 }
```

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

```
.background{ background-color:#686972 }
```

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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