

Converting Colors

Hex(616970)

Have a look what the booklet for
Hex(616970) contains.

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Color

Hex(616970)

Conversions

Conversions Part 1

Format	Color
Hex	616970
RGB	97, 105, 112
RGB Percent	38%, 41%, 44%
CMY	0.6196, 0.5882, 0.5608
CMYK	0.13, 0.06, 0.00, 0.56
HSL	208°, 7%, 41%
HSV	208°, 13%, 44%
XYZ	12.9060, 13.8144, 17.3155
YIQ	103.4060, -7.0150, 0.4810

Conversions

Conversions Part 2

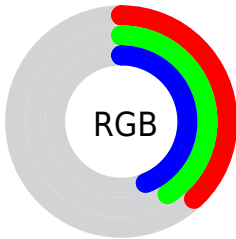
Format	Color
R_{YB}	97, 102, 112
Decimal	6383984
CIE _{Lab}	43.97, -1.48, -4.97
CIE _{LCh}	44, 5.183, 253.414
Yxy	13.8144, 0.2931, 0.3137
Android (android.graphics.Color)	4284574064 (0xFF616970)
YUV	103.4060, 4.2368, -5.6181
Hunter-Lab	37.1677, -3.0619, -1.6043

Details

The Hex color **616970** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **706861**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **949CA4**, and **333A40** is the 20% darker color. If you saturate the color by 10%, you get **566470**, and if you desaturate by 10%, it is **6C6E70**.

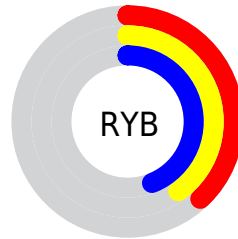
Distribution



Red (38%)

Green (41%)

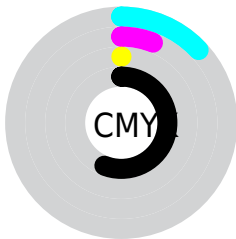
Blue (44%)



Red (38%)

Yellow (40%)

Blue (44%)

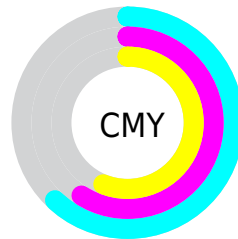


Cyan (13%)

Magenta (6%)

Yellow (0%)

Black (56%)



Cyan (62%)

Magenta (59%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 616970 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 616970 by changing the saturation by 10% instead.

616970

616970

FFFFFF

495158

949CA4

333A40

AEB7BF

1D242A

CAD3DB

050F16

E6EFF7

000000

616970

616970

566470

6C6E70

4B5F70

777370

3F5970

837970

■ 345470

■ 8E7E70

■ 294F70

■ 998370

■ 1E4A70

■ A48870

■ 134470

■ AF8E70

■ 073F70

■ BB9370

■ 003C70

■ C69870

Harmonies

Analogous

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



5E6A6E



616970



666870

Triad

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



616970



716566



646962

Complementary

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



616970



706861

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.



696860



616970



716662

Square

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



616970



6F656A



6E6760



606A65

Rectangle

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



616970



69676F



6E6760



666961

Sweetspot

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



616970



8C8F91



617068



46484A



C9C9C9



4A4A4A

Same Dimension

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



616970



7A8691



616270



323538



004078



0084F7

Inverse Universe

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



706169



917A86



707061



383235



780040



F70084

Previews

White Background



This preview shows how the Hex color 616970 looks on a white background.

Color Contrast Check

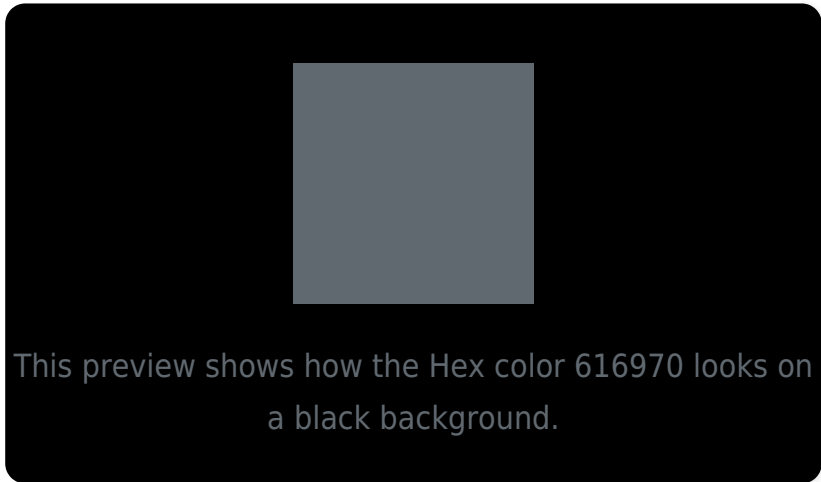
Large Text (above 18pt) WCAG AA ✓ Pass

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

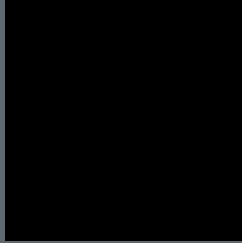
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

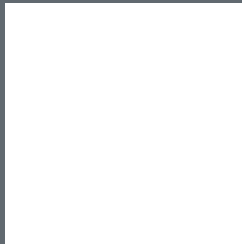
Any Text WCAG AAA × Fail

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

Hex 616970 Background



This preview shows how black text looks on a background with the Hex color 616970.



This preview shows how white text looks on a background with the Hex color 616970.

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](#).

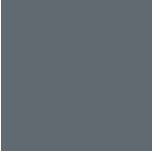
Dichromacy



Original Color
616970

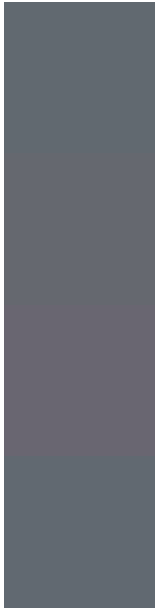
Protanopia
68676F

Deuteranopia
6E6571



Tritanopia
616971

Trichromacy



Original Color
616970

Protanomaly
65686F

Deuteranomaly
696671

Tritanomaly
616971

Monochromacy



Original Color
616970

Achromatopsia
676767

Achromatomaly
65686A

CSS Examples

Text

The CSS property to change the color of the text to Hex 616970 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 #616970 looks like.

```
.text, #text, p{  
    color:#616970  
}
```

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 #616970 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #616970
}
```

Border

The CSS property to change the border of an element to Hex 616970 is called "border". The border property can be set on classes, ids or directly on the HTML element.

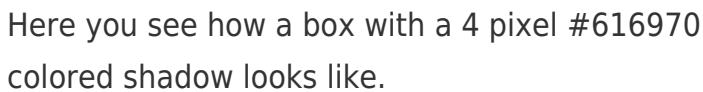
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#616970 }
```

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

```
.border{ border-color:#616970 }
```

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



Here you see how a box with a 4 pixel #616970 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #616970; -webkit-box-shadow:4px 4px  
4px 4px #616970; box-shadow:4px 4px 4px  
4px #616970 }
```

Background

The CSS property to change the background color of an element to Hex 616970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#616970 }
```

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

```
.background{ background-color:#616970 }
```

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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