

Converting Colors

Hex(616B86)

Have a look what the booklet for
Hex(616B86) contains.

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Color

Hex(616B86)

Conversions

Conversions Part 1

Format	Color
Hex	616B86
RGB	97, 107, 134
RGB Percent	38%, 42%, 53%
CMY	0.6196, 0.5804, 0.4745
CMYK	0.28, 0.20, 0.00, 0.47
HSL	224°, 16%, 45%
HSV	224°, 28%, 53%
XYZ	14.4905, 14.7780, 24.6430
YIQ	107.0880, -14.6270, 6.2770

Conversions

Conversions Part 2

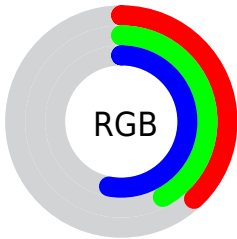
Format	Color
R_{YB}	97, 105, 134
Decimal	6384518
CIE _{Lab}	45.33, 2.76, -16.14
CIE _{LCh}	45, 16.378, 279.700
Yxy	14.7780, 0.2688, 0.2741
Android (android.graphics.Color)	4284574598 (0xFF616B86)
YUV	107.0880, 13.2676, -8.8472
Hunter-Lab	38.4422, 0.0106, -11.0977

Details

The Hex color **616B86** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **867C61**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **949EBB**, and **313C54** is the 20% darker color. If you saturate the color by 10%, you get **546186**, and if you desaturate by 10%, it is **6E7586**.

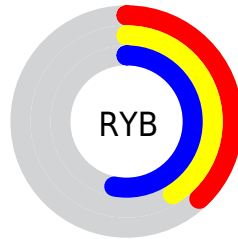
Distribution



Red (38%)

Green (42%)

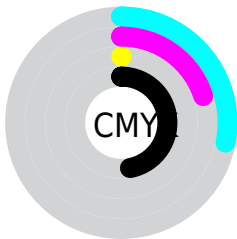
Blue (53%)



Red (38%)

Yellow (41%)

Blue (53%)

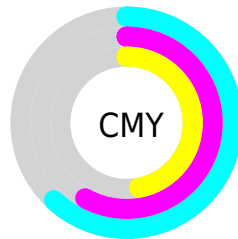


Cyan (28%)

Magenta (20%)

Yellow (0%)

Black (47%)



Cyan (62%)

Magenta (58%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 616B86 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 616B86 by changing the saturation by 10% instead.

■ 616B86

■ 616B86

FFFFFF

■ 49536D

■ 949EBB

■ 313C54

■ AFB9D7

■ 1B263D

■ CBD5F3

■ 041127

■ E7F1FF

■ 000112

■ 000000

■ 616B86

■ 616B86

■ 546186

■ 6E7586

■ 465786

■ 7C7F86

■ 394E86

■ 898886

■ 2B4486

■ 979286

■ 1E3A86

■ A49C86

■ 113086

■ B1A686

■ 032786

■ BF8F86

■ 002486

■ CCB986

■ DAC386

Harmonies

Analogous

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



4F6F85



616B86



736680

Triad

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



616B86



86635A



527261

Complementary

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



616B86



867C61

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.



627056



616B86



7E6752

Square

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



616B86



876167



716C50



47736F

Rectangle

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



616B86



7D6479



716C50



57725D

Sweetspot

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



616B86



A0A3AD



61867C



4E5057



D6D6D6



575757

Same Dimension

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



616B86



7484AD



696186



3C3D42



002382



000103

Inverse Universe

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



86616B



AD7484



7E8661



423C3D



820023



030001

Previews

White Background



This preview shows how the Hex color 616B86 looks on a white background.

Color Contrast Check

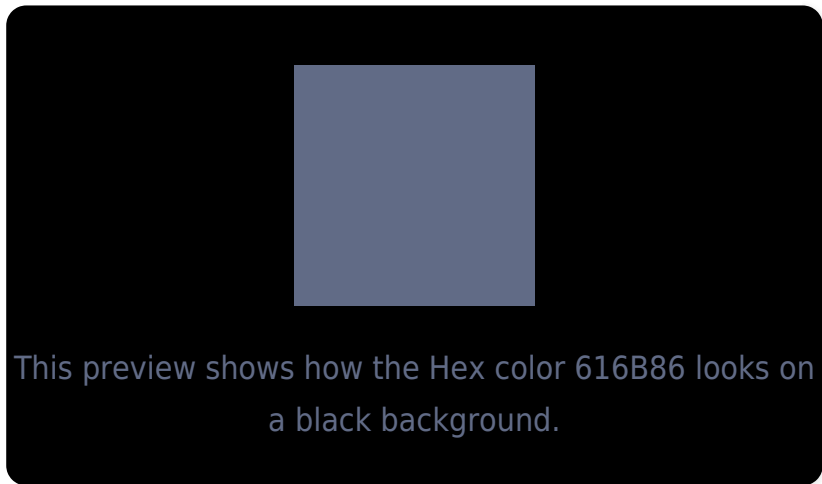
Large Text (above 18pt) WCAG AA ✓ Pass

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

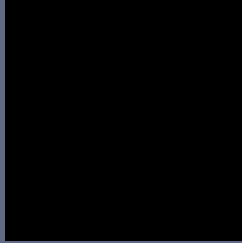
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

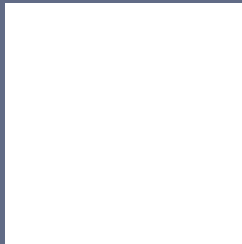
Any Text WCAG AAA × Fail

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

Hex 616B86 Background



This preview shows how black text looks on a background with the Hex color 616B86.



This preview shows how white text looks on a background with the Hex color 616B86.

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
616B86

Protanopia
656A85

Deuteranopia
676986



Tritanopia
5E6E76

Trichromacy



Original Color
616B86

Protanomaly
646A85

Deuteranomaly
656A86

Tritanomaly
5F6D7C

Monochromacy



Original Color
616B86

Achromatopsia
6B6B6B

Achromatomaly
676B75

CSS Examples

Text

The CSS property to change the color of the text to Hex 616B86 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 #616B86 looks like.

```
.text, #text, p{  
    color:#616B86  
}
```

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 #616B86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #616B86
}
```

Border

The CSS property to change the border of an element to Hex 616B86 is called "border". The border property can be set on classes, ids or directly on the HTML element.

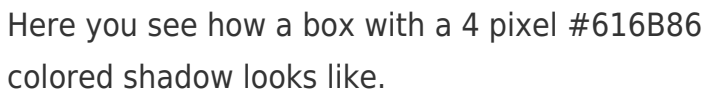
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#616B86 }
```

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

```
.border{ border-color:#616B86 }
```

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



Here you see how a box with a 4 pixel #616B86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #616B86; -webkit-box-shadow:4px 4px  
4px 4px #616B86; box-shadow:4px 4px 4px  
4px #616B86 }
```

Background

The CSS property to change the background color of an element to Hex 616B86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#616B86 }
```

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

```
.background{ background-color:#616B86 }
```

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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