

Converting Colors

Hex(34616B)

Have a look what the booklet for
Hex(34616B) contains.

Hex(34616B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(34616B)

Conversions

Conversions Part 1

Format	Color
Hex	34616B
RGB	52, 97, 107
RGB Percent	20%, 38%, 42%
CMY	0.7961, 0.6196, 0.5804
CMYK	0.51, 0.09, 0.00, 0.58
HSL	191°, 35%, 31%
HSV	191°, 51%, 42%
XYZ	8.3447, 10.3410, 15.4661
YIQ	84.6850, -30.0300, -6.4300

Conversions

Conversions Part 2

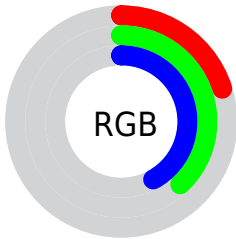
Format	Color
RYB	52, 77, 107
Decimal	3432811
CIELab	38.45, -12.46, -10.48
CIELCh	38, 16.281, 220.055
Yxy	10.3410, 0.2443, 0.3028
Android (android.graphics.Color)	4281622891 (0xFF34616B)
YUV	84.6850, 11.0013, -28.6647
Hunter-Lab	32.1574, -9.9555, -6.0054

Details

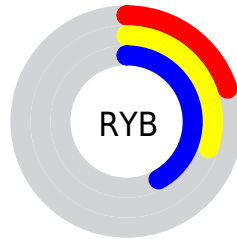
The Hex color **34616B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6B3E34**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **67949E**, and **00333C** is the 20% darker color. If you saturate the color by 10%, you get **295F6B**, and if you desaturate by 10%, it is **3F636B**.

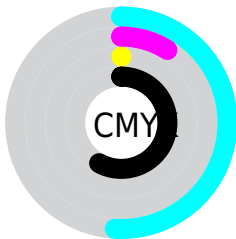
Distribution



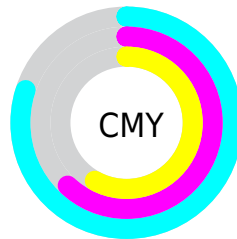
- Red (20%)
- Green (38%)
- Blue (42%)



- Red (20%)
- Yellow (30%)
- Blue (42%)



- Cyan (51%)
- Magenta (9%)
- Yellow (0%)
- Black (58%)



- Cyan (80%)
- Magenta (62%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34616B 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 34616B by changing the saturation by 10% instead.

■ 34616B

■ 34616B

FFFFFF

■ 1A4953

■ 67949E

■ 00333C

■ 81AEB9

■ 001E26

■ 9CCAD5

■ 000111

■ B7E6F1

■ 000000

■ D3FFFF

■ F0FFFF

■ 34616B

■ 34616B

■ 295F6B

■ 3F636B

■ 1F5D6B

■ 49656B

■ 145B6B

■ 54676B

■ 09596B

■ 5F696B

■ 00586B

■ 6A6B6B

■ 746D6B

■ 7F6F6B

■ 8A716B

■ 94736B

Harmonies

Analogous

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



36625F



34616B



3F5E73

Triad

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



34616B



6F5264



605B40

Complementary

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



34616B



6B3E34

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.



6C5742



34616B



755156

Square

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



34616B



62566F



74534A



515F46

Rectangle

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



34616B



4A5C75



74534A



645A40

Sweetspot

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



34616B



77888C



346B3D



3B4547



C7C7C7



474747

Same Dimension

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



34616B



357C8C



34466B



303536



006075



00C8F5

Inverse Universe

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



6B3461



8C357C



6B5934



363035



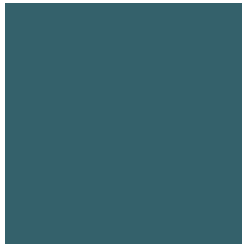
750060



F500C8

Previews

White Background



This preview shows how the Hex color 34616B looks on a white background.

Color Contrast Check

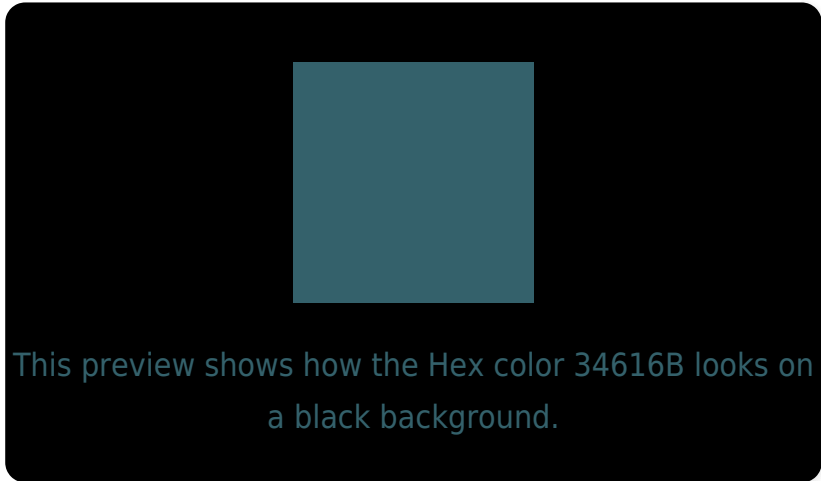
Large Text (above 18pt) WCAG AA ✓ Pass

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

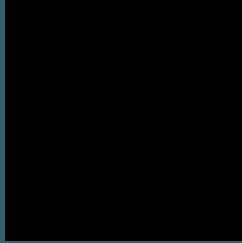
Any Text WCAG AA × Fail

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 34616B Background



This preview shows how black text looks on a background with the Hex color 34616B.

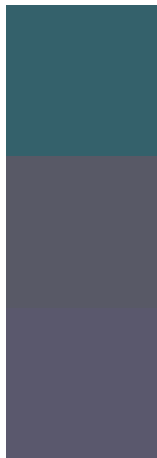


This preview shows how white text looks on a background with the Hex color 34616B.

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
34616B

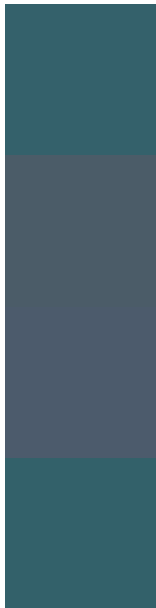
Protanopia
585966

Deuteranopia
5A586D



Tritanopia
336169

Trichromacy



Original Color
34616B

Protanomaly
4B5C68

Deuteranomaly
4C5B6C

Tritanomaly
33616A

Monochromacy



Original Color
34616B

Achromatopsia
555555

Achromatomaly
49595D

CSS Examples

Text

The CSS property to change the color of the text to Hex 34616B 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 #34616B looks like.

```
.text, #text, p{  
    color:#34616B  
}
```

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 #34616B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34616B
}
```

Border

The CSS property to change the border of an element to Hex 34616B 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
#34616B }
```

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

```
.border{ border-color:#34616B }
```

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

Here you see how a box with a 4 pixel #34616B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34616B; -webkit-box-shadow:4px 4px  
4px 4px #34616B; box-shadow:4px 4px 4px  
4px #34616B }
```

Background

The CSS property to change the background color of an element to Hex 34616B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34616B }
```

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

```
.background{ background-color:#34616B }
```

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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