

Converting Colors

Hex(33636C)

Have a look what the booklet for
Hex(33636C) contains.

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Color

Hex(33636C)

Conversions

Conversions Part 1

Format	Color
Hex	33636C
RGB	51, 99, 108
RGB Percent	20%, 39%, 42%
CMY	0.8000, 0.6118, 0.5765
CMYK	0.53, 0.08, 0.00, 0.58
HSL	189°, 36%, 31%
HSV	189°, 53%, 42%
XYZ	8.5339, 10.7102, 15.8049
YIQ	85.6740, -31.4970, -7.3770

Conversions

Conversions Part 2

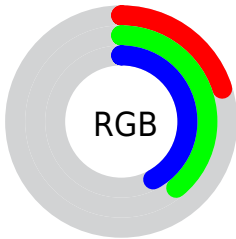
Format	Color
RYB	51, 77, 108
Decimal	3367788
CIELab	39.09, -13.56, -10.13
CIElCh	39, 16.923, 216.769
Yxy	10.7102, 0.2435, 0.3056
Android (android.graphics.Color)	4281557868 (0xFF33636C)
YUV	85.6740, 11.0067, -30.4091
Hunter-Lab	32.7264, -10.7250, -5.7249




Details

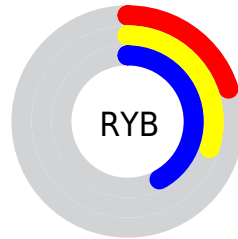
The Hex color **33636C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6C3C33**, and the grayscale version is **565656**.


A 20% lighter version of the original color is **66969F**, and **00343D** is the 20% darker color. If you saturate the color by 10%, you get **28616C**, and if you desaturate by 10%, it is **3E656C**.

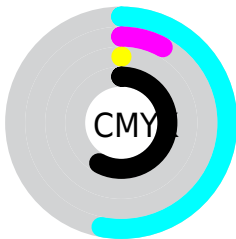
Distribution







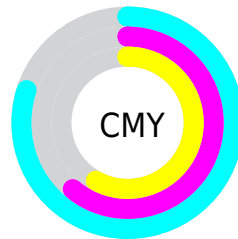
-  Red (20%)
-  Green (39%)
-  Blue (42%)






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



-  Cyan (53%)
-  Magenta (8%)
-  Yellow (0%)
-  Black (58%)



-  Cyan (80%)
-  Magenta (61%)
-  Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33636C 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 33636C by changing the saturation by 10% instead.



33636C



33636C

FFFFFF



184B54



66969F



00343D



80B1BA



001F27



9BCCD6



000113



B7E8F2



000000



D3FFFF



F0FFFF



33636C



33636C



28616C



3E656C

■ 1D606C

■ 49666C

■ 135E6C

■ 53686C

■ 085C6C

■ 5E6A6C

■ 005B6C

■ 696C6C

■ 746D6C

■ 7F6F6C

■ 89716C

■ 94726C

Harmonies

Analogous

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



37645F



33636C



3D6075

Triad

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



33636C



705367



635C41

Complementary

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



33636C



6C3C33

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.



6F5843



33636C



775259

Square

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



33636C



625772



77544C



546046

Rectangle

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



33636C



495E77



77544C



675B41

Sweetspot

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



33636C



76898C



336C3C



3A4547



C7C7C7



474747

Same Dimension

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



33636C



347E8C



33476C



303536



006375



00CEF5

Inverse Universe

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



6C3363



8C347E



6C5833



363035



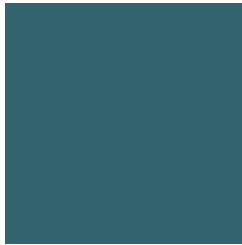
750063



F500CE

Previews

White Background



This preview shows how the Hex color 33636C looks on a white background.

Color Contrast Check

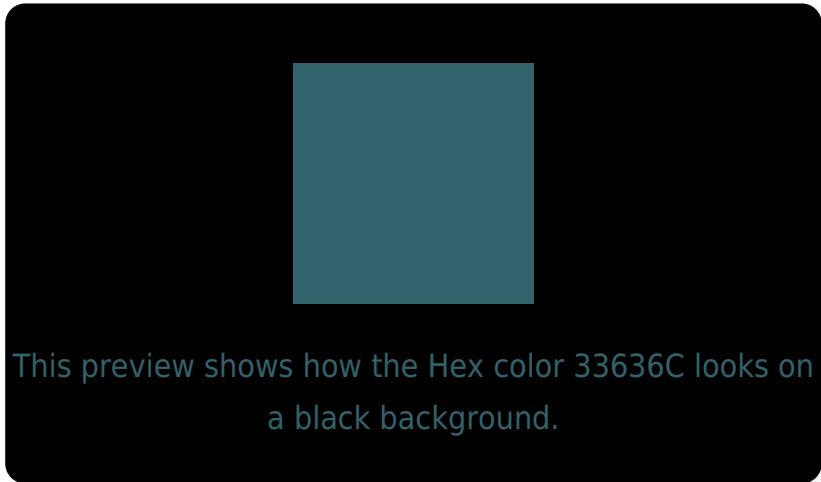
Large Text (above 18pt) WCAG AA ✓ Pass

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

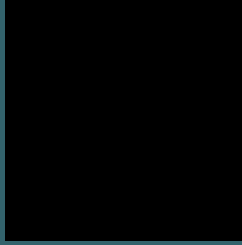
Any Text WCAG AA × Fail

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 33636C Background



This preview shows how black text looks on a background with the Hex color 33636C.

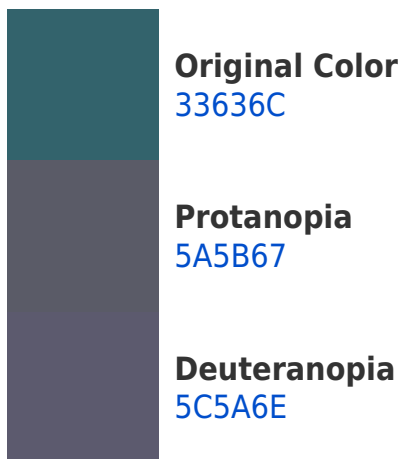



This preview shows how white text looks on a background with the Hex color 33636C.

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](#).

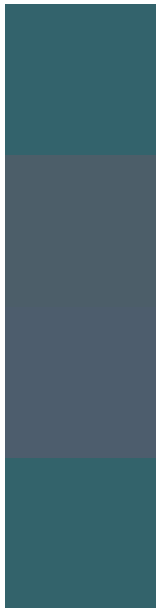
Dichromacy





Tritanopia
33636B

Trichromacy



Original Color
33636C

Protanomaly
4C5E69

Deuteranomaly
4D5D6D

Tritanomaly
33636B

Monochromacy



Original Color
33636C

Achromatopsia
565656

Achromatomaly
495B5E

CSS Examples

Text

The CSS property to change the color of the text to Hex 33636C 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 #33636C looks like.

```
.text, #text, p{  
    color:#33636C  
}
```

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 #33636C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33636C
}
```

Border

The CSS property to change the border of an element to Hex 33636C 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
#33636C }
```

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

```
.border{ border-color:#33636C }
```

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

Here you see how a box with a 4 pixel #33636C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33636C; -webkit-box-shadow:4px 4px  
4px 4px #33636C; box-shadow:4px 4px 4px  
4px #33636C }
```

Background

The CSS property to change the background color of an element to Hex 33636C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33636C }
```

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

```
.background{ background-color:#33636C }
```

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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