

Converting Colors

Hex(33736F)

Have a look what the booklet for
Hex(33736F) contains.

Hex(33736F)	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(33736F)

Conversions

Conversions Part 1

Format	Color
Hex	33736F
RGB	51, 115, 111
RGB Percent	20%, 45%, 44%
CMY	0.8000, 0.5490, 0.5647
CMYK	0.56, 0.00, 0.03, 0.55
HSL	176°, 39%, 33%
HSV	176°, 56%, 45%
XYZ	10.3652, 14.1130, 17.2167
YIQ	95.4080, -36.8600, -14.8120

Conversions

Conversions Part 2

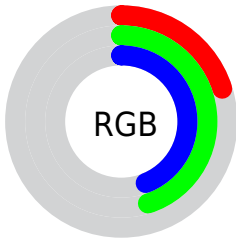
Format	Color
R_{YB}	51, 84, 115
Decimal	3371887
CIE _{Lab}	44.39, -21.44, -4.02
CIE _{LCh}	44, 21.813, 190.624
Yxy	14.1130, 0.2486, 0.3385
Android (android.graphics.Color)	4281561967 (0xFF33736F)
YUV	95.4080, 7.6869, -38.9458
Hunter-Lab	37.5672, -16.4925, -0.8750

Details

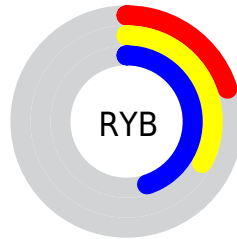
The Hex color **33736F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **733337**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **68A7A3**, and **00423F** is the 20% darker color. If you saturate the color by 10%, you get **28736E**, and if you desaturate by 10%, it is **3F7370**.

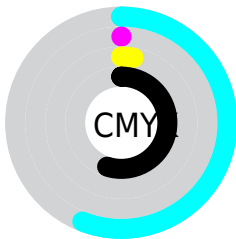
Distribution



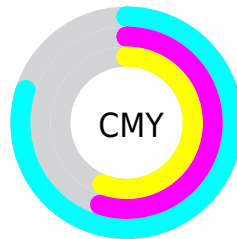
- Red (20%)
- Green (45%)
- Blue (44%)



- Red (20%)
- Yellow (33%)
- Blue (45%)



- Cyan (56%)
- Magenta (0%)
- Yellow (3%)
- Black (55%)



- Cyan (80%)
- Magenta (55%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33736F 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 33736F by changing the saturation by 10% instead.



33736F



33736F

FFFFFF



165A57



68A7A3



00423F



83C3BE



002C2A



9EDFD9



001915



BAFBF6



000000



D6FFFF



F3FFFF



33736F



33736F



28736E



3F7370

■ 1C736E

■ 4A7370

■ 11736D

■ 567371

■ 05736C

■ 617372

■ 00736C

■ 6D7373

■ 787373

■ 847374

■ 8F7375

■ 9B7375

Harmonies

Analogous

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



46725C



33736F



2E7280

Triad

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



33736F



746285



806447

Complementary

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



33736F



733337

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.



8B5E52



33736F



855D75

Square

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



33736F



5B688C



8D5B63



6F6A45

Rectangle

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



33736F



387088



8D5B63



84624A

Sweetspot

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



33736F



7D9695



377333



3D4D4C



CCCCCC



4D4D4D

Same Dimension

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



33736F



329690



335773



353B3A



007A73



00FAEA

Inverse Universe

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



733337



963238



734F33



3B3535



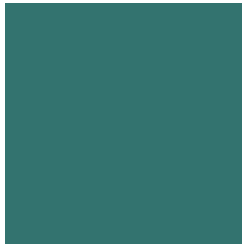
7A0008



FA0010

Previews

White Background



This preview shows how the Hex color 33736F looks on a white background.

Color Contrast Check

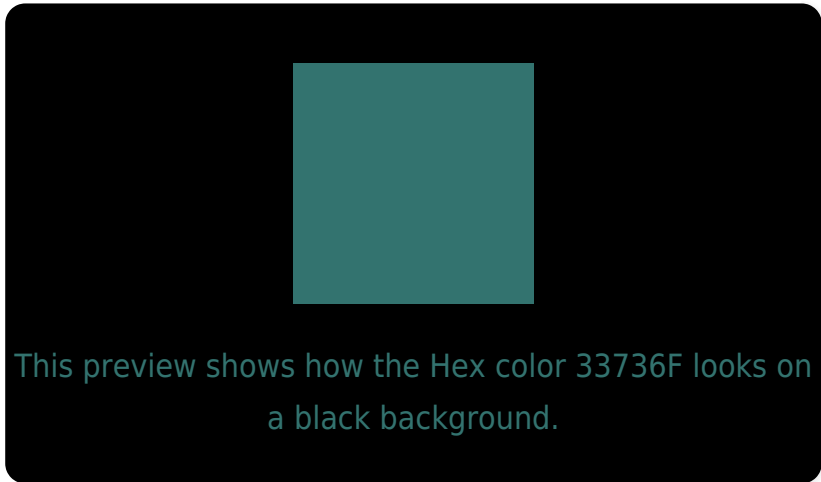
Large Text (above 18pt) WCAG AA ✓ Pass

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

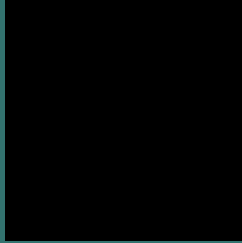
Any Text WCAG AA × Fail

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 33736F Background



This preview shows how black text looks on a background with the Hex color 33736F.

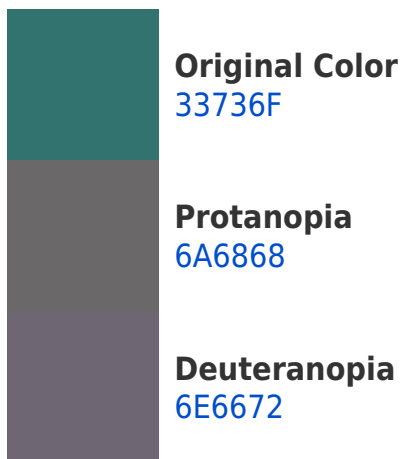


This preview shows how white text looks on a background with the Hex color 33736F.

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](#).

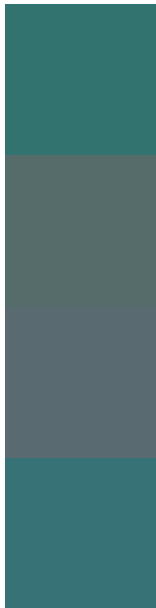
Dichromacy





Tritanopia
37717A

Trichromacy



Original Color
33736F

Protanomaly
566C6B

Deuteranomaly
596B71

Tritanomaly
367276

Monochromacy



Original Color
33736F

Achromatopsia
5F5F5F

Achromatomaly
4F6665

CSS Examples

Text

The CSS property to change the color of the text to Hex 33736F 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 #33736F looks like.

```
.text, #text, p{  
    color:#33736F  
}
```

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 #33736F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33736F
}
```

Border

The CSS property to change the border of an element to Hex 33736F 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
#33736F }
```

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

```
.border{ border-color:#33736F }
```

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

Here you see how a box with a 4 pixel #33736F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33736F; -webkit-box-shadow:4px 4px  
4px 4px #33736F; box-shadow:4px 4px 4px  
4px #33736F }
```

Background

The CSS property to change the background color of an element to Hex 33736F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33736F }
```

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

```
.background{ background-color:#33736F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor