

Converting Colors

Hex(33836F)

Have a look what the booklet for
Hex(33836F) contains.

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Color

Hex(33836F)

Conversions

Conversions Part 1

Format	Color
Hex	33836F
RGB	51, 131, 111
RGB Percent	20%, 51%, 44%
CMY	0.8000, 0.4863, 0.5647
CMYK	0.61, 0.00, 0.15, 0.49
HSL	165°, 44%, 36%
HSV	165°, 61%, 51%
XYZ	12.3508, 18.0841, 17.8786
YIQ	104.8000, -41.2600, -23.1800

Conversions

Conversions Part 2

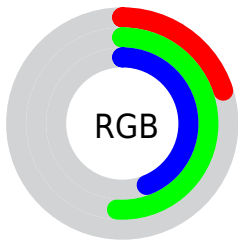
Format	Color
RYB	51, 97, 131
Decimal	3375983
CIELab	49.60, -29.50, 3.58
CIELCh	50, 29.713, 173.077
Yxy	18.0841, 0.2556, 0.3743
Android (android.graphics.Color)	4281566063 (0xFF33836F)
YUV	104.8000, 3.0566, -47.1826
Hunter-Lab	42.5254, -22.5772, 4.8411

Details

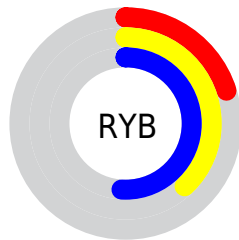
The Hex color **33836F** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **833347**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **6AB9A3**, and **00513F** is the 20% darker color. If you saturate the color by 10%, you get **26836C**, and if you desaturate by 10%, it is **408372**.

Distribution



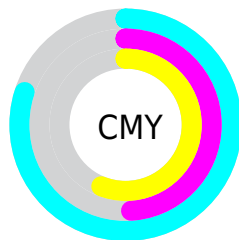
- Red (20%)
- Green (51%)
- Blue (44%)



- Red (20%)
- Yellow (38%)
- Blue (51%)



- Cyan (61%)
- Magenta (0%)
- Yellow (15%)
- Black (49%)



- Cyan (80%)
- Magenta (49%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33836F 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 33836F by changing the saturation by 10% instead.



33836F



33836F

FFFFFF



126957



6AB9A3



00513F



85D4BE



00392A



A1F1D9



002415



BDFFF6



000000



DAFFFF



F7FFFF



33836F



33836F



26836C



408372

■ 198368

■ 4D8376

■ 0C8365

■ 5A8379

■ 008362

■ 67837C

■ 75837F

■ 828383

■ 8F8386

■ 9C8389

■ A9838C

Harmonies

Analogous

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



558057



33836F



038389

Triad

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



33836F



7072A4



9E6A4F

Complementary

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



33836F



833347

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.



A76363



33836F



906895

Square

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



33836F



467AA8



A3637D



8C7244

Rectangle

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



33836F



008298



A3637D



A26755

Sweetspot

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



33836F



8CABA3



478333



445752



D6D6D6



575757

Same Dimension

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



33836F



2EAB8C



336F83



3C4241



008262



000302

Inverse Universe

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



833347



AB2E4D



834733



423C3D



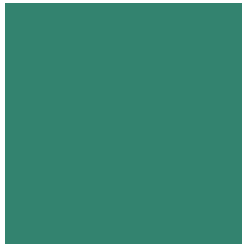
820021



030001

Previews

White Background



This preview shows how the Hex color 33836F looks on a white background.

Color Contrast Check

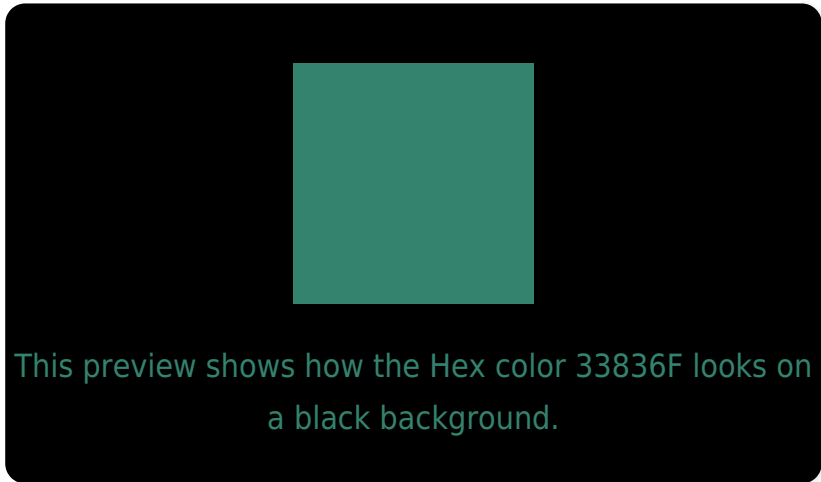
Large Text (above 18pt) WCAG AA ✓ Pass

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

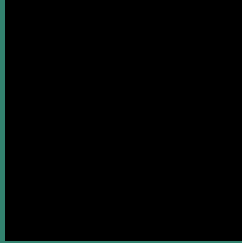
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 33836F Background



This preview shows how black text looks on a background with the Hex color 33836F.

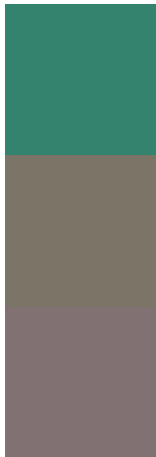


This preview shows how white text looks on a background with the Hex color 33836F.

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
33836F

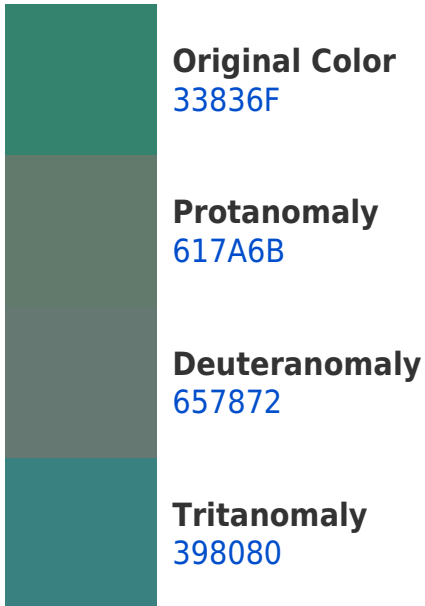
Protanopia
7B7568

Deuteranopia
817173

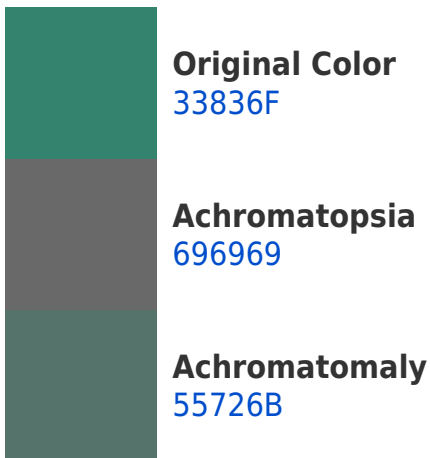


Tritanopia
3D7F8A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 33836F 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 #33836F looks like.

```
.text, #text, p{  
    color:#33836F  
}
```

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 #33836F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33836F
}
```

Border

The CSS property to change the border of an element to Hex 33836F 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
#33836F }
```

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

```
.border{ border-color:#33836F }
```

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

Here you see how a box with a 4 pixel #33836F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33836F; -webkit-box-shadow:4px 4px  
4px 4px #33836F; box-shadow:4px 4px 4px  
4px #33836F }
```

Background

The CSS property to change the background color of an element to Hex 33836F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33836F }
```

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

```
.background{ background-color:#33836F }
```

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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