

Converting Colors

Hex(337B6F)

Have a look what the booklet for
Hex(337B6F) contains.

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Color

Hex(337B6F)

Conversions

Conversions Part 1

Format	Color
Hex	337B6F
RGB	51, 123, 111
RGB Percent	20%, 48%, 44%
CMY	0.8000, 0.5176, 0.5647
CMYK	0.59, 0.00, 0.10, 0.52
HSL	170°, 41%, 34%
HSV	170°, 59%, 48%
XYZ	11.3174, 16.0174, 17.5341
YIQ	100.1040, -39.0600, -18.9960

Conversions

Conversions Part 2

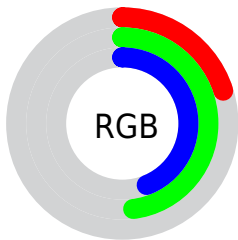
Format	Color
RYB	51, 90, 123
Decimal	3373935
CIELab	47.00, -25.56, -0.19
CIELCh	47, 25.557, 180.436
Yxy	16.0174, 0.2522, 0.3570
Android (android.graphics.Color)	4281564015 (0xFF337B6F)
YUV	100.1040, 5.3717, -43.0642
Hunter-Lab	40.0218, -19.5615, 2.0395

Details

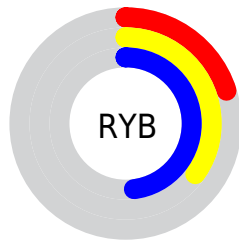
The Hex color **337B6F** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7B333F**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **69B0A3**, and **004A3F** is the 20% darker color. If you saturate the color by 10%, you get **277B6D**, and if you desaturate by 10%, it is **3F7B71**.

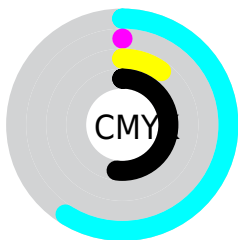
Distribution



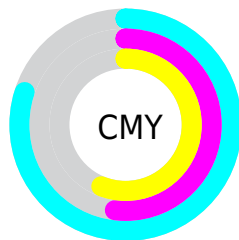
- Red (20%)
- Green (48%)
- Blue (44%)



- Red (20%)
- Yellow (35%)
- Blue (48%)



- Cyan (59%)
- Magenta (0%)
- Yellow (10%)
- Black (52%)



- Cyan (80%)
- Magenta (52%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 337B6F 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 337B6F by changing the saturation by 10% instead.



337B6F



337B6F

FFFFFF



146257



69B0A3



004A3F



84CBBE



00332A



9FE8D9



001F15



BBFFF6



000000



D8FFFF



F5FFFF



337B6F



337B6F



277B6D



3F7B71

■ 1A7B6B

■ 4C7B73

■ 0E7B69

■ 587B75

■ 027B67

■ 647B77

■ 007B66

■ 717B79

■ 7D7B7B

■ 897B7D

■ 957B7F

■ A27B81

Harmonies

Analogous

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



4E795A



337B6F



207A84

Triad

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



337B6F



726A94



8F674B

Complementary

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



337B6F



7B333F

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.



99615B



337B6F



8B6385

Square

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



337B6F



52719A



985F70



7E6E44

Rectangle

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



337B6F



277990



985F70



93644F

Sweetspot

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



337B6F



84A19C



3F7B33



40524F



D1D1D1



525252

Same Dimension

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



337B6F



30A18E



33637B



373D3C



007D68



00FCD2

Inverse Universe

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



7B333F



A13043



7B4B33



3D3738



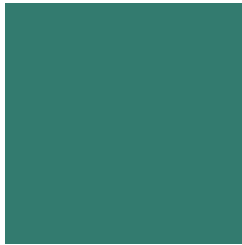
7D0015



FC002A

Previews

White Background



This preview shows how the Hex color 337B6F 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

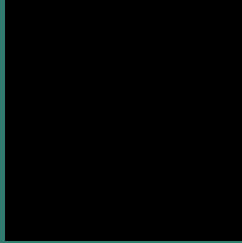
Any Text WCAG AA × Fail

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 337B6F Background



This preview shows how black text looks on a background with the Hex color 337B6F.

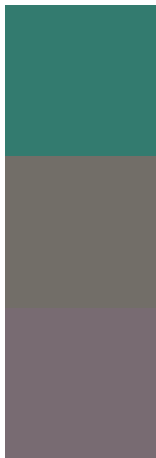


This preview shows how white text looks on a background with the Hex color 337B6F.

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
337B6F

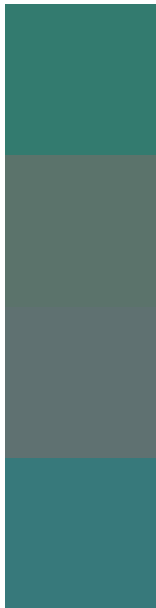
Protanopia
726E68

Deuteranopia
786B72



Tritanopia
3A7882

Trichromacy



Original Color
337B6F

Protanomaly
5B736B

Deuteranomaly
5F7171

Tritanomaly
37797B

Monochromacy



Original Color
337B6F

Achromatopsia
646464

Achromatomaly
526C68

CSS Examples

Text

The CSS property to change the color of the text to Hex 337B6F 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 #337B6F looks like.

```
.text, #text, p{  
    color:#337B6F  
}
```

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 #337B6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #337B6F
}
```

Border

The CSS property to change the border of an element to Hex 337B6F 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
#337B6F }
```

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

```
.border{ border-color:#337B6F }
```

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

Here you see how a box with a 4 pixel #337B6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #337B6F; -webkit-box-shadow:4px 4px  
4px 4px #337B6F; box-shadow:4px 4px 4px  
4px #337B6F }
```

Background

The CSS property to change the background color of an element to Hex 337B6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#337B6F }
```

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

```
.background{ background-color:#337B6F }
```

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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