

Converting Colors

Hex(336D7B)

Have a look what the booklet for
Hex(336D7B) contains.

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Color

Hex(336D7B)

Conversions

Conversions Part 1

Format	Color
Hex	336D7B
RGB	51, 109, 123
RGB Percent	20%, 43%, 48%
CMY	0.8000, 0.5725, 0.5176
CMYK	0.59, 0.11, 0.00, 0.52
HSL	192°, 41%, 34%
HSV	192°, 59%, 48%
XYZ	10.4090, 13.0711, 20.7133
YIQ	93.2540, -39.0620, -7.9420

Conversions

Conversions Part 2

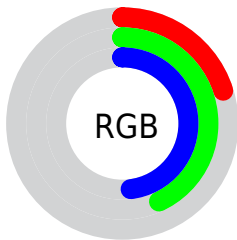
Format	Color
RYB	51, 83, 123
Decimal	3370363
CIELab	42.87, -14.53, -13.52
CIELCh	43, 19.853, 222.942
Yxy	13.0711, 0.2355, 0.2958
Android (android.graphics.Color)	4281560443 (0xFF336D7B)
YUV	93.2540, 14.6648, -37.0568
Hunter-Lab	36.1540, -11.8780, -8.6604

Details

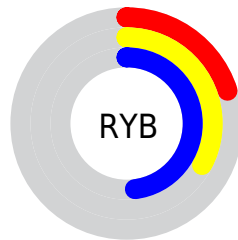
The Hex color **336D7B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7B4133**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **68A1AF**, and **003D4A** is the 20% darker color. If you saturate the color by 10%, you get **276B7B**, and if you desaturate by 10%, it is **3F6F7B**.

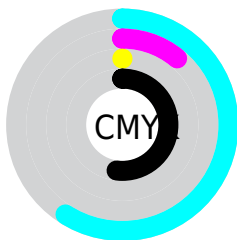
Distribution



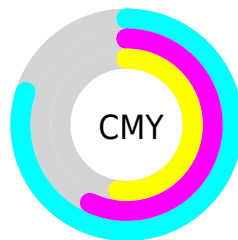
- Red (20%)
- Green (43%)
- Blue (48%)



- Red (20%)
- Yellow (33%)
- Blue (48%)



- Cyan (59%)
- Magenta (11%)
- Yellow (0%)
- Black (52%)



- Cyan (80%)
- Magenta (57%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 336D7B 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 336D7B by changing the saturation by 10% instead.

■ 336D7B

■ 336D7B

FFFFFF

■ 155562

■ 68A1AF

■ 003D4A

■ 83BCCB

■ 002734

■ 9ED7E7

■ 00131F

■ BAF4FF

■ 000003

■ D7FFFF

■ 000000

■ F4FFFF

■ 336D7B

■ 336D7B

■ 276B7B

■ 3F6F7B

■ 1A687B

■ 4C727B

■ 0E667B

■ 58747B

■ 02637B

■ 64777B

■ 00637B

■ 71797B

■ 7D7B7B

■ 897E7B

■ 95807B

■ A2837B

Harmonies

Analogous

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



356E6C



336D7B



436A84

Triad

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



336D7B



805A6F



6A6645

Complementary

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



336D7B



7B4133

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.



796146



336D7B



86595F

Square

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



336D7B



705F7D



835C50



576B4D

Rectangle

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



336D7B



526686



835C50



6F6544

Sweetspot

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



336D7B



849BA1



337B40



404E52



D1D1D1



525252

Same Dimension

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



336D7B



308BA1



334A7B



373C3D



00657D



00CBFC

Inverse Universe

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



7B336D



A1308B



7B6433



3D373C



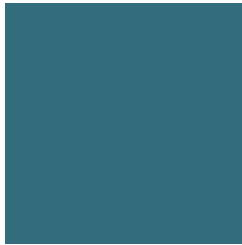
7D0065



FC00CB

Previews

White Background



This preview shows how the Hex color 336D7B looks on a white background.

Color Contrast Check

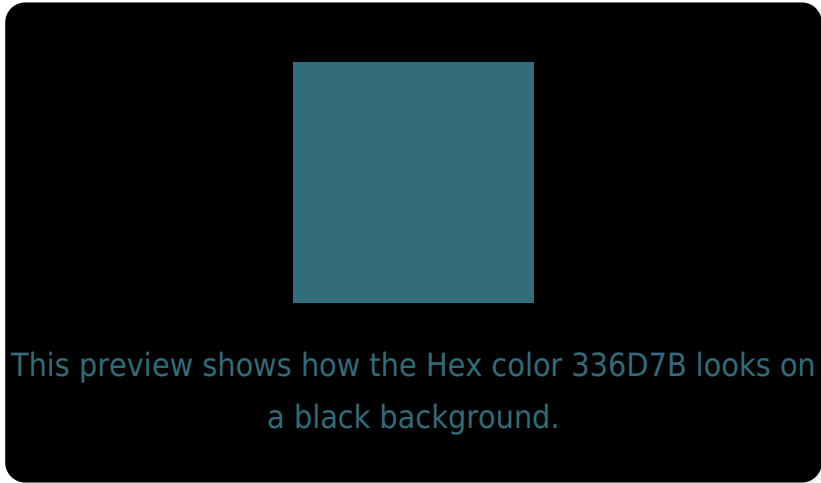
Large Text (above 18pt) WCAG AA ✓ Pass

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

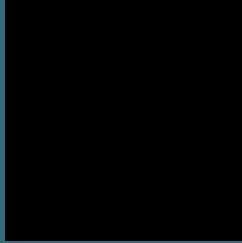
Any Text WCAG AA × Fail

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 336D7B Background



This preview shows how black text looks on a background with the Hex color 336D7B.

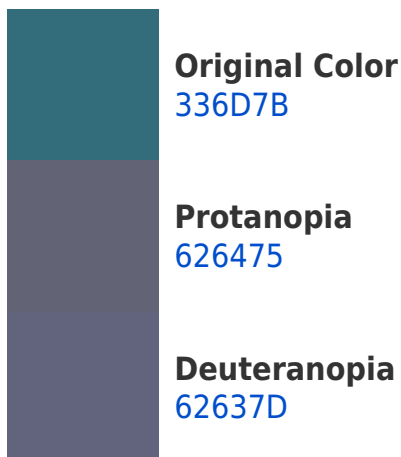


This preview shows how white text looks on a background with the Hex color 336D7B.

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
316E77

Trichromacy



Original Color
336D7B

Protanomaly
516777

Deuteranomaly
51677C

Tritanomaly
326E78

Monochromacy



Original Color
336D7B

Achromatopsia
5D5D5D

Achromatomaly
4E6368

CSS Examples

Text

The CSS property to change the color of the text to Hex 336D7B 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 #336D7B looks like.

```
.text, #text, p{  
    color:#336D7B  
}
```

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 #336D7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #336D7B  
}
```

Border

The CSS property to change the border of an element to Hex 336D7B 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  
#336D7B }
```

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

```
.border{ border-color:#336D7B }
```

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

Here you see how a box with a 4 pixel #336D7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #336D7B; -webkit-box-shadow:4px 4px  
4px 4px #336D7B; box-shadow:4px 4px 4px  
4px #336D7B }
```

Background

The CSS property to change the background color of an element to Hex 336D7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#336D7B }
```

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

```
.background{ background-color:#336D7B }
```

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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