

Converting Colors

Hex(337977)

Have a look what the booklet for
Hex(337977) contains.

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Color

Hex(337977)

Conversions

Conversions Part 1

Format	Color
Hex	337977
RGB	51, 121, 119
RGB Percent	20%, 47%, 47%
CMY	0.8000, 0.5255, 0.5333
CMYK	0.58, 0.00, 0.02, 0.53
HSL	178°, 41%, 34%
HSV	178°, 58%, 47%
XYZ	11.5324, 15.7105, 19.8774
YIQ	99.8420, -41.0780, -15.4620

Conversions

Conversions Part 2

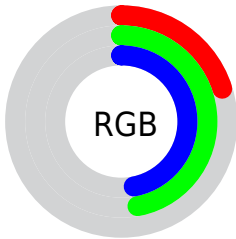
Format	Color
RYB	51, 87, 121
Decimal	3373431
CIELab	46.59, -22.26, -5.54
CIElCh	47, 22.942, 193.971
Yxy	15.7105, 0.2447, 0.3334
Android (android.graphics.Color)	4281563511 (0xFF337977)
YUV	99.8420, 9.4449, -42.8344
Hunter-Lab	39.6364, -17.4284, -1.9880

Details

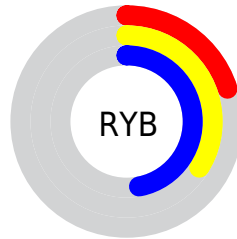
The Hex color **337977** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **793335**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **69AEAB**, and **004847** is the 20% darker color. If you saturate the color by 10%, you get **277977**, and if you desaturate by 10%, it is **3F7977**.

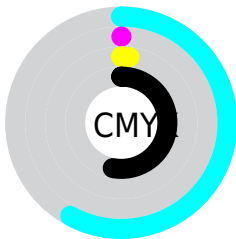
Distribution



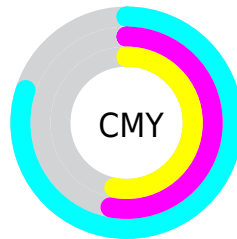
- Red (20%)
- Green (47%)
- Blue (47%)



- Red (20%)
- Yellow (34%)
- Blue (47%)



- Cyan (58%)
- Magenta (0%)
- Yellow (2%)
- Black (53%)



- Cyan (80%)
- Magenta (53%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 337977 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 337977 by changing the saturation by 10% instead.

■ 337977

■ 337977

FFFFFF

■ 14605E

■ 69AEAB

■ 004847

■ 84C9C6

■ 003130

■ A0E5E2

■ 001E1B

■ BCFFFF

■ 000000

■ D8FFFF

■ F5FFFF

■ 337977

■ 337977

■ 277977

■ 3F7977

■ 1B7976

■ 4B7978

■ 0F7976

■ 577978

■ 037976

■ 637978

■ 007976

■ 6F7979

■ 7C7979

■ 887979

■ 94797A

■ A0797A

Harmonies

Analogous

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



467863



337977



307788

Triad

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



337977



7C668A



856A4A

Complementary

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



337977



793335

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.



916455



337977



8E617A

Square

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



337977



626D94



956066



737049

Rectangle

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



337977



3D7590



956066



8A674C

Sweetspot

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



337977



839E9D



357933



3F4F4F



CFCFCF



4F4F4F

Same Dimension

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



337977



319E9B



335879



373D3D



007D79



00FCF5

Inverse Universe

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



793335



9E3134



795433



3D3737



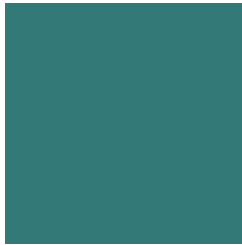
7D0004



FC0007

Previews

White Background



This preview shows how the Hex color 337977 looks on a white background.

Color Contrast Check

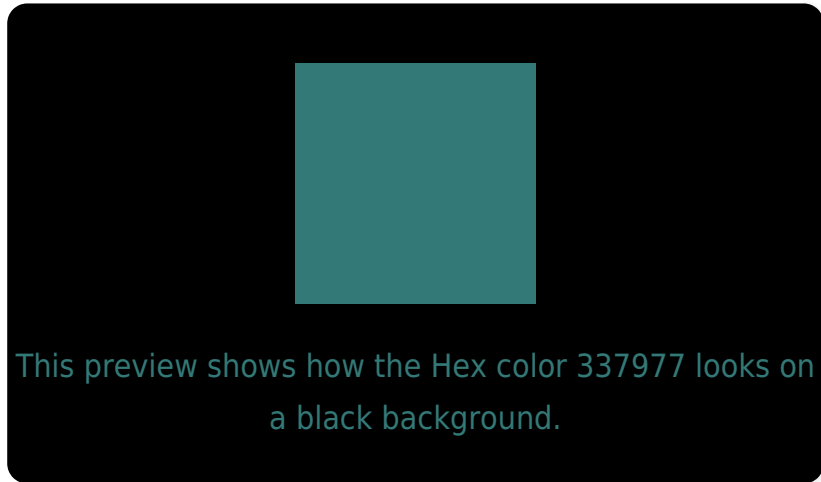
Large Text (above 18pt) WCAG AA ✓ Pass

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

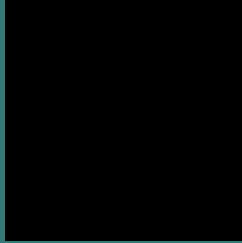
Any Text WCAG AA × Fail

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 337977 Background



This preview shows how black text looks on a background with the Hex color 337977.

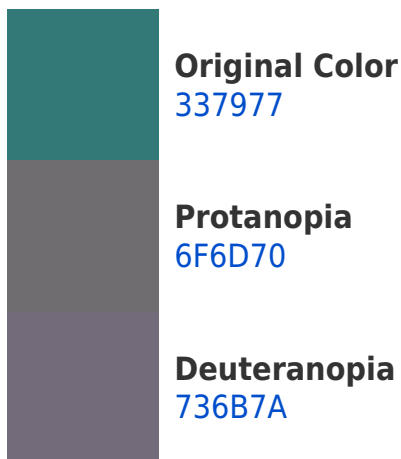



This preview shows how white text looks on a background with the Hex color 337977.

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](#).

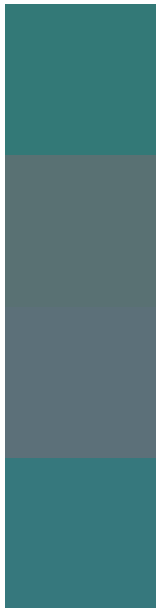
Dichromacy





Tritanopia
377781

Trichromacy



Original Color
337977

Protanomaly
597173

Deuteranomaly
5C7079

Tritanomaly
36787D

Monochromacy



Original Color
337977

Achromatopsia
646464

Achromatomaly
526C6B

CSS Examples

Text

The CSS property to change the color of the text to Hex 337977 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 #337977 looks like.

```
.text, #text, p{  
    color:#337977  
}
```

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 #337977 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #337977  
}
```

Border

The CSS property to change the border of an element to Hex 337977 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  
#337977 }
```

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

```
.border{ border-color:#337977 }
```

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

Here you see how a box with a 4 pixel #337977 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #337977; -webkit-box-shadow:4px 4px  
4px 4px #337977; box-shadow:4px 4px 4px  
4px #337977 }
```

Background

The CSS property to change the background color of an element to Hex 337977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#337977 }
```

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

```
.background{ background-color:#337977 }
```

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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