

# Converting Colors

Hex(337C69)

Have a look what the booklet for  
Hex(337C69) contains.

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# Color

Hex(337C69)

# Conversions

## Conversions Part 1

Format	Color
Hex	337C69
RGB	51, 124, 105
RGB Percent	20%, 49%, 41%
CMY	0.8000, 0.5137, 0.5882
CMYK	0.59, 0.00, 0.15, 0.51
HSL	164°, 42%, 34%
HSV	164°, 59%, 49%
XYZ	11.1227, 16.1390, 15.8935
YIQ	100.0070, -37.4090, -21.3850

# Conversions

## Conversions Part 2

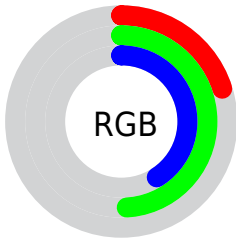
<b>Format</b>	<b>Color</b>
<b>RYB</b>	51, 93, 124
Decimal	3374185
CIELab	47.16, -27.66, 3.59
CIElCh	47, 27.892, 172.615
Yxy	16.1390, 0.2577, 0.3740
Android (android.graphics.Color)	4281564265 (0xFF337C69)
YUV	100.0070, 2.4615, -42.9791
Hunter-Lab	40.1734, -20.8827, 4.6649




# Details

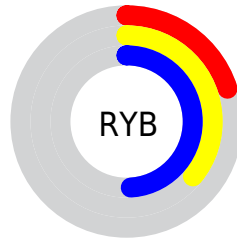
The Hex color **337C69** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7C3346**, and the grayscale version is **646464**.




A 20% lighter version of the original color is **69B19C**, and **004A3A** is the 20% darker color. If you saturate the color by 10%, you get **277C66**, and if you desaturate by 10%, it is **3F7C6C**.

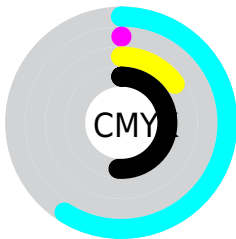
# Distribution







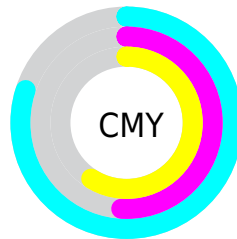
-  Red (20%)
-  Green (49%)
-  Blue (41%)






-  Red (20%)
-  Yellow (36%)
-  Blue (49%)



-  Cyan (59%)
-  Magenta (0%)
-  Yellow (15%)
-  Black (51%)



-  Cyan (80%)
-  Magenta (51%)
-  Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 337C69 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 337C69 by changing the saturation by 10% instead.



 337C69

 337C69

FFFFFF

 146351

 69B19C

 004A3A

 83CDB7

 003324

 9FE9D3

 00200F

 BBFFEF

 000000

 D7FFFF

 F4FFFF

 337C69

 337C69

 277C66

 3F7C6C

■ 1A7C63

■ 4C7C6F

■ 0E7C5F

■ 587C73

■ 017C5C

■ 657C76

■ 007C5C

■ 717C79

■ 7D7C7C

■ 8A7C80

■ 967C83

■ A37C86

# Harmonies

## Analogous

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



527953



337C69



0F7C81

# Triad

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



337C69



6A6C9B



96644B

# Complementary

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



337C69



7C3346

# 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.



9E5E5F



337C69



88638D

# Square

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



337C69



43749E



995E77



846C41

# Rectangle

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



337C69



0B7B8F



995E77



996251



# Sweetspot

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



337C69



84A199



467C33



40524D



D1D1D1



525252



# Same Dimension

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



337C69



2FA183



336B7C



373D3C



007D5C



00FCBB



# Inverse Universe

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



7C3346



A12F4C



7C4433



3D3739



7D0021



FC0042



# Previews

## White Background



This preview shows how the Hex color 337C69 looks on a white background.

## Color Contrast Check

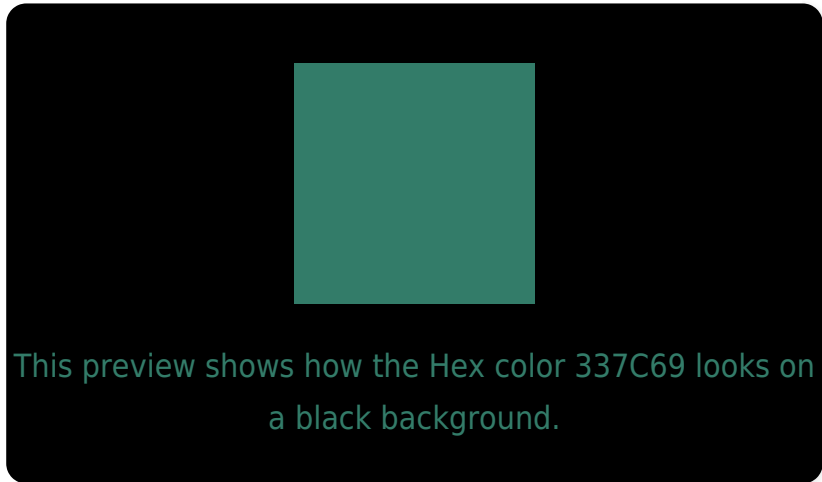
Large Text (above 18pt) WCAG AA ✓ Pass

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

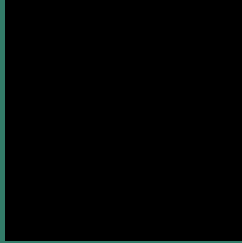
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 337C69 Background



This preview shows how black text looks on a background with the Hex color 337C69.

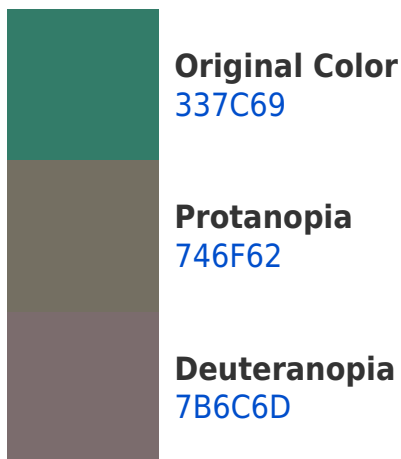


This preview shows how white text looks on a background with the Hex color 337C69.

# Color Blindness Simulation

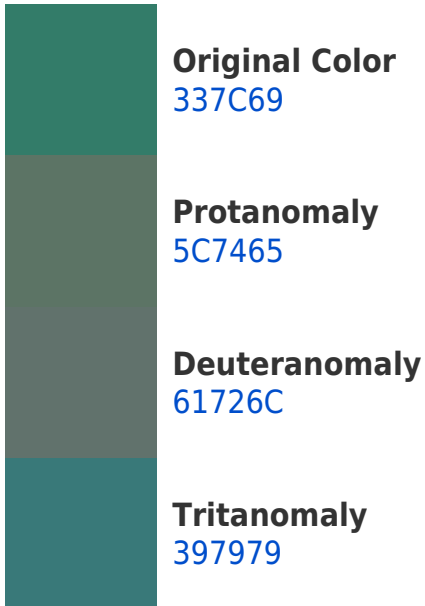
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

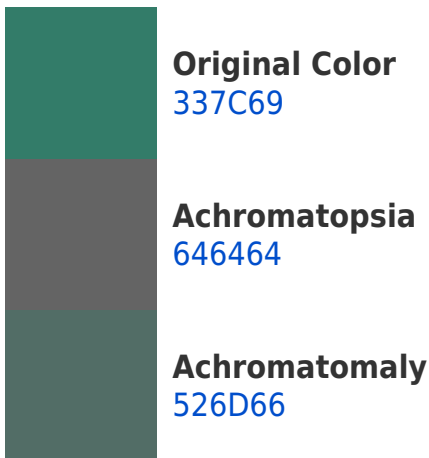




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 337C69 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 #337C69 looks like.

```
.text, #text, p{  
    color:#337C69  
}
```

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 #337C69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #337C69
}
```

## Border

The CSS property to change the border of an element to Hex 337C69 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
#337C69 }
```

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

```
.border{ border-color:#337C69 }
```

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

Here you see how a box with a 4 pixel #337C69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #337C69; -webkit-box-shadow:4px 4px  
4px 4px #337C69; box-shadow:4px 4px 4px  
4px #337C69 }
```

# Background

The CSS property to change the background color of an element to Hex 337C69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#337C69 }
```

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

```
.background{ background-color:#337C69 }
```

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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