

Converting Colors

Hex(337C5E)

Have a look what the booklet for
Hex(337C5E) contains.

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Color

Hex(337C5E)

Conversions

Conversions Part 1

Format	Color
Hex	337C5E
RGB	51, 124, 94
RGB Percent	20%, 49%, 37%
CMY	0.8000, 0.5137, 0.6314
CMYK	0.59, 0.00, 0.24, 0.51
HSL	155°, 42%, 34%
HSV	155°, 59%, 49%
XYZ	10.5933, 15.9273, 13.1056
YIQ	98.7530, -33.8780, -24.8060

Conversions

Conversions Part 2

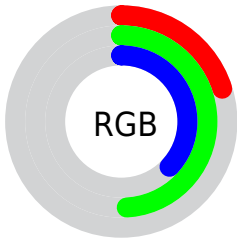
Format	Color
R_{YB}	51, 97, 124
Decimal	3374174
CIE _{Lab}	46.88, -30.41, 9.66
CIE _{LCh}	47, 31.907, 162.370
Yxy	15.9273, 0.2673, 0.4019
Android (android.graphics.Color)	4281564254 (0xFF337C5E)
YUV	98.7530, -2.3432, -41.8794
Hunter-Lab	39.9090, -22.4604, 8.4662

Details

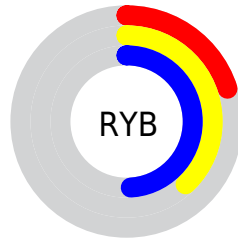
The Hex color **337C5E** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **7C3351**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **68B190**, and **004A30** is the 20% darker color. If you saturate the color by 10%, you get **277C59**, and if you desaturate by 10%, it is **3F7C63**.

Distribution



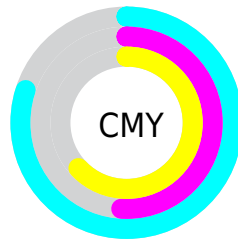
- Red (20%)
- Green (49%)
- Blue (37%)



- Red (20%)
- Yellow (38%)
- Blue (49%)



- Cyan (59%)
- Magenta (0%)
- Yellow (24%)
- Black (51%)



- Cyan (80%)
- Magenta (51%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 337C5E 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 337C5E by changing the saturation by 10% instead.



337C5E



337C5E

FFFFFF



156346



68B190



004A30



83CDAB



00331B



9EE9C6



002000



BAFFE2



000000



D7FFFF



F4FFFF



337C5E



337C5E



277C59



3F7C63

■ 1A7C54

■ 4C7C68

■ 0E7C4F

■ 587C6D

■ 017C4A

■ 657C72

■ 007C49

■ 717C77

■ 7D7C7D

■ 8A7C82

■ 967C87

■ A37C8C

Harmonies

Analogous

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



587846



337C5E



007D7A

Triad

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



337C5E



596EA3



9E5F4C

Complementary

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



337C5E



7C3351

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.



A35A65



337C5E



806497

Square

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



337C5E



1F76A2



995C80



8D683C

Rectangle

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



337C5E



007C8B



995C80



A15C54

Sweetspot

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



337C5E



84A195



517C33



40524A



D1D1D1



525252

Same Dimension

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



337C5E



2FA172



33767C



373D3B



007D4A



00FC95

Inverse Universe

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



7C3351



A12F5D



7C3933



3D373A



7D0033



FC0068

Previews

White Background



This preview shows how the Hex color 337C5E looks on a white background.

Color Contrast Check

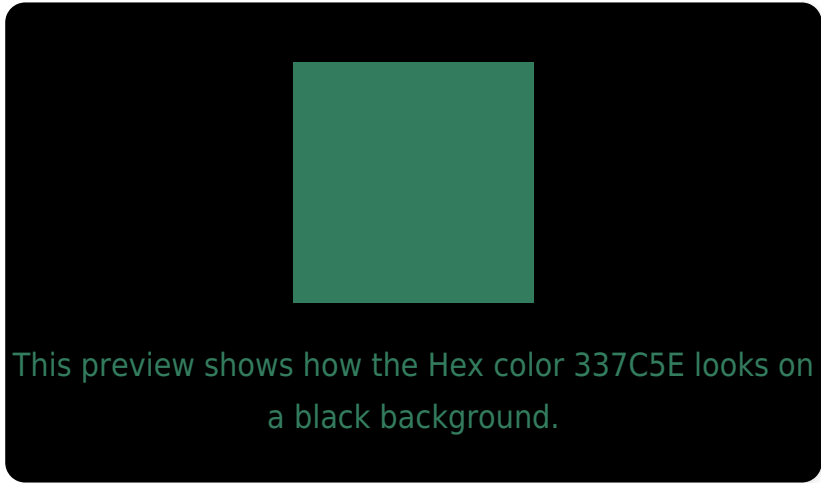
Large Text (above 18pt) WCAG AA ✓ Pass

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

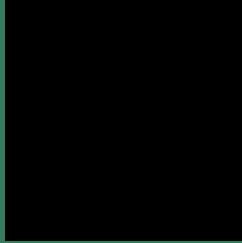
Any Text WCAG AA × Fail

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 337C5E Background



This preview shows how black text looks on a background with the Hex color 337C5E.

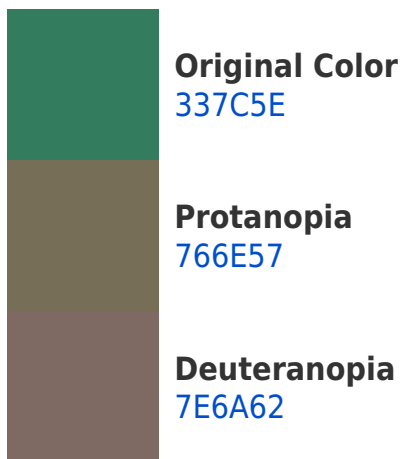


This preview shows how white text looks on a background with the Hex color 337C5E.

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
3F7781

Trichromacy



Original Color
337C5E

Protanomaly
5E735A

Deuteranomaly
637161

Tritanomaly
3B7974

Monochromacy



Original Color
337C5E

Achromatopsia
636363

Achromatomaly
526C61

CSS Examples

Text

The CSS property to change the color of the text to Hex 337C5E 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 #337C5E looks like.

```
.text, #text, p{  
    color:#337C5E  
}
```

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 #337C5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #337C5E
}
```

Border

The CSS property to change the border of an element to Hex 337C5E 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
#337C5E }
```

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

```
.border{ border-color:#337C5E }
```

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

Here you see how a box with a 4 pixel #337C5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #337C5E; -webkit-box-shadow:4px 4px  
4px 4px #337C5E; box-shadow:4px 4px 4px  
4px #337C5E }
```

Background

The CSS property to change the background color of an element to Hex 337C5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#337C5E }
```

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

```
.background{ background-color:#337C5E }
```

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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