

Converting Colors

Hex(337B4C)

Have a look what the booklet for
Hex(337B4C) contains.

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Color

Hex(337B4C)

Conversions

Conversions Part 1

Format	Color
Hex	337B4C
RGB	51, 123, 76
RGB Percent	20%, 48%, 30%
CMY	0.8000, 0.5176, 0.7020
CMYK	0.59, 0.00, 0.38, 0.52
HSL	141°, 41%, 34%
HSV	141°, 59%, 48%
XYZ	9.7527, 15.3915, 9.2943
YIQ	96.1140, -27.8250, -29.8810

Conversions

Conversions Part 2

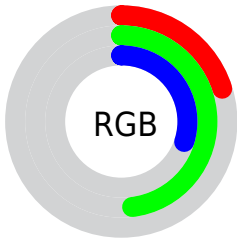
Format	Color
RYB	51, 104, 123
Decimal	3373900
CIELab	46.17, -33.88, 19.12
CIELCh	46, 38.900, 150.557
Yxy	15.3915, 0.2832, 0.4469
Android (android.graphics.Color)	4281563980 (0xFF337B4C)
YUV	96.1140, -9.9162, -39.5650
Hunter-Lab	39.2320, -24.2827, 13.4163

Details

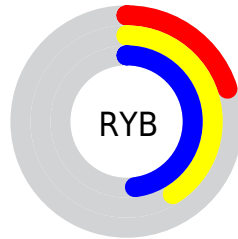
The Hex color **337B4C** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **7B3362**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **68B07D**, and **00491F** is the 20% darker color. If you saturate the color by 10%, you get **277B44**, and if you desaturate by 10%, it is **3F7B54**.

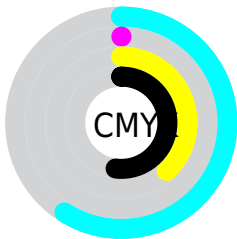
Distribution



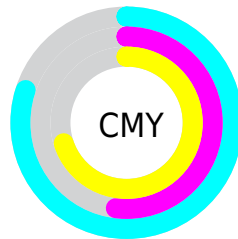
- Red (20%)
- Green (48%)
- Blue (30%)



- Red (20%)
- Yellow (41%)
- Blue (48%)



- Cyan (59%)
- Magenta (0%)
- Yellow (38%)
- Black (52%)



- Cyan (80%)
- Magenta (52%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 337B4C 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 337B4C by changing the saturation by 10% instead.



337B4C



337B4C

FFFFFF



156235



68B07D



00491F



83CC97



003209



9EE8B2



001E00



BAFFCE



000000



D6FFEA



F3FFFF



337B4C



337B4C



277B44



3F7B54

■ 1A7B3C

■ 4C7B5C

■ 0E7B34

■ 587B64

■ 027B2C

■ 647B6C

■ 007B2B

■ 717B74

■ 7D7B7C

■ 897B84

■ 957B8C

■ A27B94

Harmonies

Analogous

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



5E7533



337B4C



007E6D

Triad

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



337B4C



2F71AE



A8554E

Complementary

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



337B4C



7B3362

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.



A8516E



337B4C



7065A6

Square

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



337B4C



0079A6



96588E



996035

Rectangle

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



337B4C



007E83



96588E



AA5358

Sweetspot

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



337B4C



84A18E



637B33



405246



D1D1D1



525252

Same Dimension

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



337B4C



30A157



337B6F



373D39



007D2B



00FC58

Inverse Universe

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



7B3362



A1307A



7B333F



3D373B



7D0052



FC00A5

Previews

White Background



This preview shows how the Hex color 337B4C looks on a white background.

Color Contrast Check

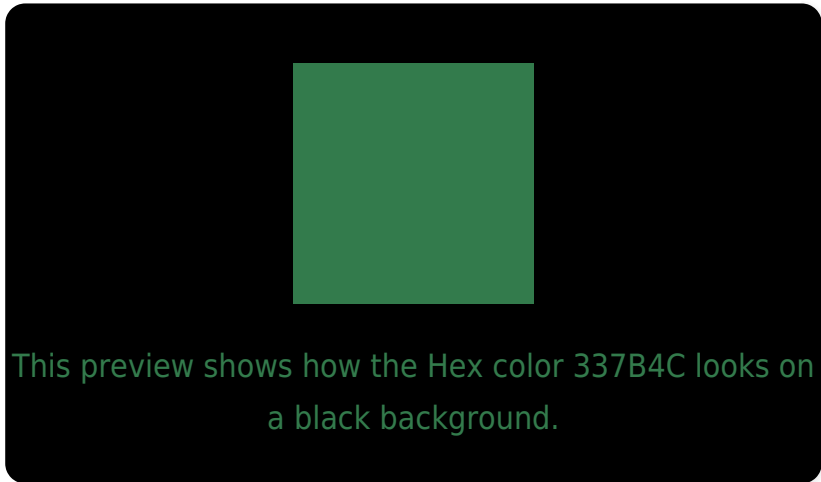
Large Text (above 18pt) WCAG AA ✓ Pass

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 337B4C Background



This preview shows how black text looks on a background with the Hex color 337B4C.



This preview shows how white text looks on a background with the Hex color 337B4C.

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
337B4C

Protanopia
766D46

Deuteranopia
816850



Tritanopia
41757E

Trichromacy



Original Color
337B4C

Protanomaly
5E7248

Deuteranomaly
656F4F

Tritanomaly
3C776C

Monochromacy



Original Color
337B4C

Achromatopsia
606060

Achromatomaly
506A59

CSS Examples

Text

The CSS property to change the color of the text to Hex 337B4C 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 #337B4C looks like.

```
.text, #text, p{  
    color:#337B4C  
}
```

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 #337B4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #337B4C
}
```

Border

The CSS property to change the border of an element to Hex 337B4C 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
#337B4C }
```

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

```
.border{ border-color:#337B4C }
```

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

Here you see how a box with a 4 pixel #337B4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #337B4C; -webkit-box-shadow:4px 4px  
4px 4px #337B4C; box-shadow:4px 4px 4px  
4px #337B4C }
```

Background

The CSS property to change the background color of an element to Hex 337B4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#337B4C }
```

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

```
.background{ background-color:#337B4C }
```

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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