

Converting Colors

Hex(337B5D)

Have a look what the booklet for
Hex(337B5D) contains.

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Color

Hex(337B5D)

Conversions

Conversions Part 1

Format	Color
Hex	337B5D
RGB	51, 123, 93
RGB Percent	20%, 48%, 36%
CMY	0.8000, 0.5176, 0.6353
CMYK	0.59, 0.00, 0.24, 0.52
HSL	155°, 41%, 34%
HSV	155°, 59%, 48%
XYZ	10.4240, 15.6600, 12.8292
YIQ	98.0520, -33.2820, -24.5940

Conversions

Conversions Part 2

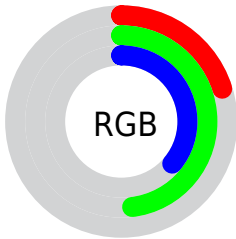
Format	Color
RYB	51, 96, 123
Decimal	3373917
CIELab	46.53, -30.17, 9.75
CIELCh	47, 31.710, 162.087
Yxy	15.6600, 0.2679, 0.4024
Android (android.graphics.Color)	4281563997 (0xFF337B5D)
YUV	98.0520, -2.4906, -41.2646
Hunter-Lab	39.5728, -22.2331, 8.4795

Details

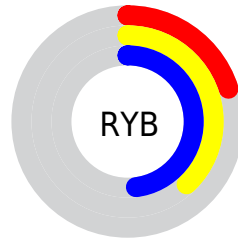
The Hex color **337B5D** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **7B3351**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **68B08F**, and **00492F** is the 20% darker color. If you saturate the color by 10%, you get **277B58**, and if you desaturate by 10%, it is **3F7B62**.

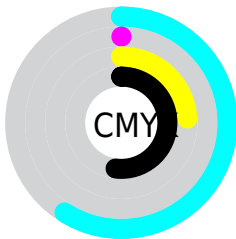
Distribution



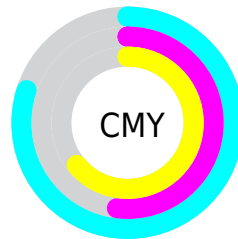
- Red (20%)
- Green (48%)
- Blue (36%)



- Red (20%)
- Yellow (38%)
- Blue (48%)



- Cyan (59%)
- Magenta (0%)
- Yellow (24%)
- Black (52%)



- Cyan (80%)
- Magenta (52%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 337B5D 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 337B5D by changing the saturation by 10% instead.



337B5D



337B5D

FFFFFF



156245



68B08F



00492F



83CCAA



00321A



9EE8C5



001F00



BAFFE1



000000



D6FFFE



F3FFFF



337B5D



337B5D



277B58



3F7B62

■ 1A7B53

■ 4C7B67

■ 0E7B4E

■ 587B6C

■ 027B48

■ 647B72

■ 007B48

■ 717B77

■ 7D7B7C

■ 897B81

■ 957B86

■ A27B8B

Harmonies

Analogous

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



577746



337B5D



007C78

Triad

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



337B5D



586DA2



9D5E4C

Complementary

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



337B5D



7B3351

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.



A15964



337B5D



7F6396

Square

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



337B5D



1E75A0



985B7F



8C673C

Rectangle

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



337B5D



007B8A



985B7F



A05C53

Sweetspot

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



337B5D



84A195



517B33



40524A



D1D1D1



525252

Same Dimension

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



337B5D



30A172



33767B



373D3B



007D49



00FC93

Inverse Universe

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



7B3351



A1305F



7B3933



3D373A



7D0034



FC0069

Previews

White Background



This preview shows how the Hex color 337B5D looks on a white background.

Color Contrast Check

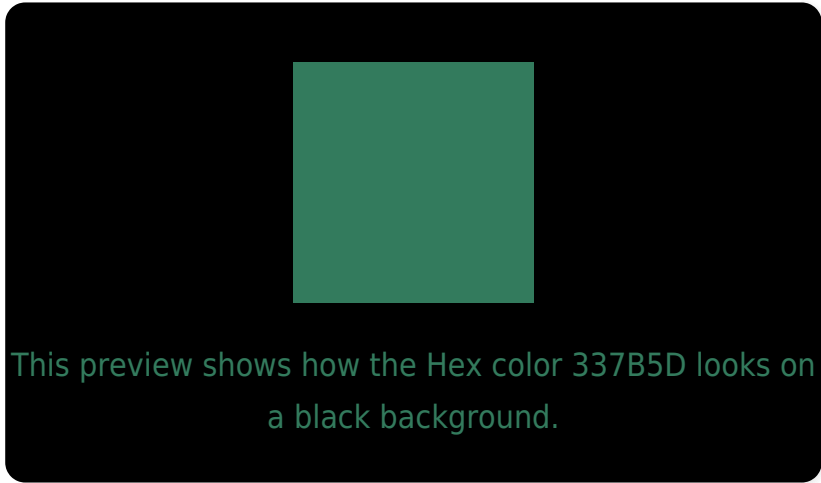
Large Text (above 18pt) WCAG AA ✓ Pass

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

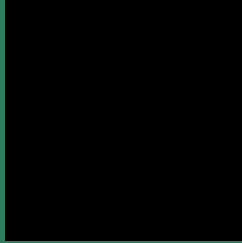
Any Text WCAG AA × Fail

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 337B5D Background



This preview shows how black text looks on a background with the Hex color 337B5D.

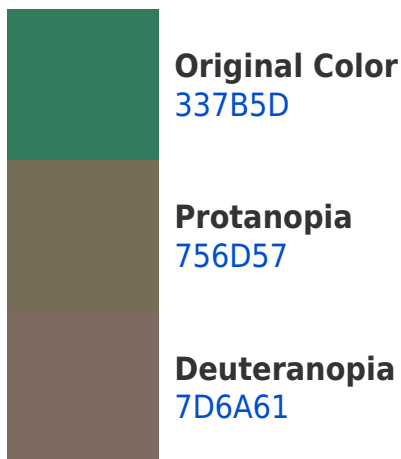


This preview shows how white text looks on a background with the Hex color 337B5D.

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
3E7680

Trichromacy



Original Color
337B5D

Protanomaly
5D7259

Deuteranomaly
627060

Tritanomaly
3A7873

Monochromacy



Original Color
337B5D

Achromatopsia
626262

Achromatomaly
516B60

CSS Examples

Text

The CSS property to change the color of the text to Hex 337B5D 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 #337B5D looks like.

```
.text, #text, p{  
    color:#337B5D  
}
```

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 #337B5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #337B5D
}
```

Border

The CSS property to change the border of an element to Hex 337B5D 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
#337B5D }
```

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

```
.border{ border-color:#337B5D }
```

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

Here you see how a box with a 4 pixel #337B5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #337B5D; -webkit-box-shadow:4px 4px  
4px 4px #337B5D; box-shadow:4px 4px 4px  
4px #337B5D }
```

Background

The CSS property to change the background color of an element to Hex 337B5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#337B5D }
```

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

```
.background{ background-color:#337B5D }
```

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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