

Converting Colors

Hex(336C5B)

Have a look what the booklet for
Hex(336C5B) contains.

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Color

Hex(336C5B)

Conversions

Conversions Part 1

Format	Color
Hex	336C5B
RGB	51, 108, 91
RGB Percent	20%, 42%, 36%
CMY	0.8000, 0.5765, 0.6431
CMYK	0.53, 0.00, 0.16, 0.58
HSL	162°, 36%, 31%
HSV	162°, 53%, 42%
XYZ	8.6161, 12.1843, 11.7952
YIQ	89.0190, -28.5150, -17.3710

Conversions

Conversions Part 2

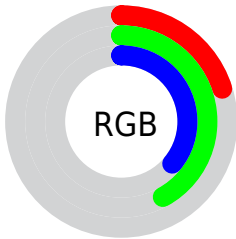
Format	Color
RYB	51, 84, 108
Decimal	3370075
CIELab	41.51, -23.27, 3.81
CIELCh	42, 23.578, 170.700
Yxy	12.1843, 0.2643, 0.3738
Android (android.graphics.Color)	4281560155 (0xFF336C5B)
YUV	89.0190, 0.9766, -33.3427
Hunter-Lab	34.9060, -17.0248, 4.3993

Details

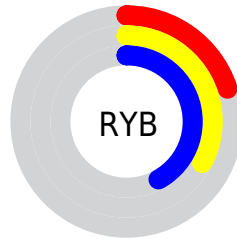
The Hex color **336C5B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6C3344**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **66A08D**, and **003C2D** is the 20% darker color. If you saturate the color by 10%, you get **286C58**, and if you desaturate by 10%, it is **3E6C5E**.

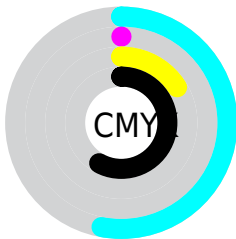
Distribution



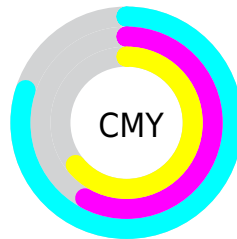
- Red (20%)
- Green (42%)
- Blue (36%)



- Red (20%)
- Yellow (33%)
- Blue (42%)



- Cyan (53%)
- Magenta (0%)
- Yellow (16%)
- Black (58%)



- Cyan (80%)
- Magenta (58%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 336C5B 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 336C5B by changing the saturation by 10% instead.

 336C5B

 336C5B

FFFFFF

 185344

 66A08D

 003C2D

 80BBA7

 002619

 9BD7C3

 000A00

 B7F3DF

 000000

 D3FFFB

 EFFFFFFF

 336C5B

 336C5B

 286C58

 3E6C5E

■ 1D6C55

■ 496C61

■ 136C51

■ 536C65

■ 086C4E

■ 5E6C68

■ 006C4C

■ 696C6B

■ 746C6E

■ 7F6C72

■ 896C75

■ 946C78

Harmonies

Analogous

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



4B6A49



336C5B



1D6C6F

Triad

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



336C5B



5C5F86



825845

Complementary

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



336C5B



6C3344

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.



885455



336C5B



75587B

Square

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



336C5B



3D6688



845469



745F3C

Rectangle

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



336C5B



1A6B7B



845469



85564A

Sweetspot

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



336C5B



768C86



446C33



3A4743



C7C7C7



474747

Same Dimension

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



336C5B



348C72



33616C



303634



007552



00F5AC

Inverse Universe

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



6C3344



8C344E



6C3E33



363032



750023



F50049

Previews

White Background



This preview shows how the Hex color 336C5B looks on a white background.

Color Contrast Check

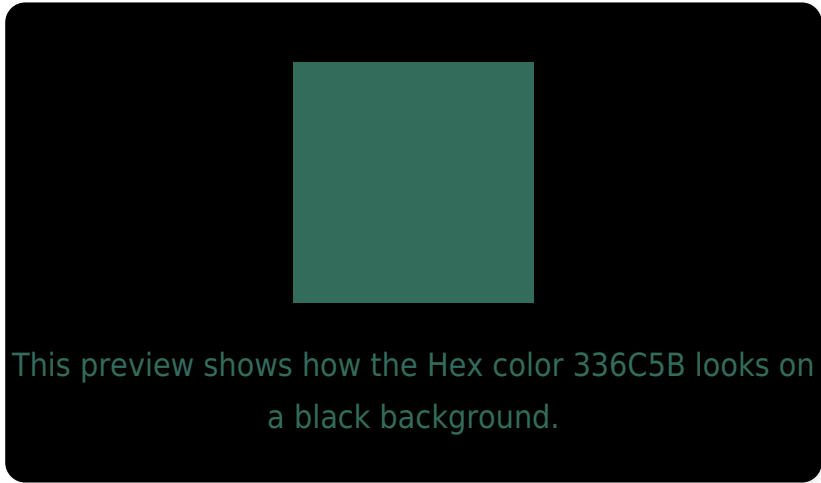
Large Text (above 18pt) WCAG AA ✓ Pass

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

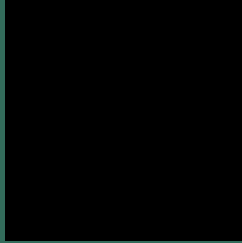
Any Text WCAG AA × Fail

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 336C5B Background



This preview shows how black text looks on a background with the Hex color 336C5B.



This preview shows how white text looks on a background with the Hex color 336C5B.

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
336C5B

Protanopia
666155

Deuteranopia
6C5E5E



Tritanopia
3A6971

Trichromacy



Original Color
336C5B

Protanomaly
536557

Deuteranomaly
57635D

Tritanomaly
376A69

Monochromacy



Original Color
336C5B

Achromatopsia
595959

Achromatomaly
4B605A

CSS Examples

Text

The CSS property to change the color of the text to Hex 336C5B 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 #336C5B looks like.

```
.text, #text, p{  
    color:#336C5B  
}
```

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 #336C5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #336C5B
}
```

Border

The CSS property to change the border of an element to Hex 336C5B 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".

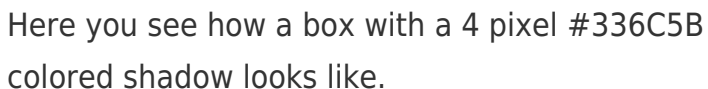
```
.border, #border, table{ border:4px solid
#336C5B }
```

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

```
.border{ border-color:#336C5B }
```

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

Here you see how a box with a 4 pixel #336C5B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #336C5B; -webkit-box-shadow:4px 4px  
4px 4px #336C5B; box-shadow:4px 4px 4px  
4px #336C5B }
```

Background

The CSS property to change the background color of an element to Hex 336C5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#336C5B }
```

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

```
.background{ background-color:#336C5B }
```

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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