

Converting Colors

Hex(336B4D)

Have a look what the booklet for
Hex(336B4D) contains.

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Color

Hex(336B4D)

Conversions

Conversions Part 1

Format	Color
Hex	336B4D
RGB	51, 107, 77
RGB Percent	20%, 42%, 30%
CMY	0.8000, 0.5804, 0.6980
CMYK	0.52, 0.00, 0.28, 0.58
HSL	148°, 35%, 31%
HSV	148°, 52%, 42%
XYZ	7.9625, 11.7550, 8.8705
YIQ	86.8360, -23.7460, -21.2020

Conversions

Conversions Part 2

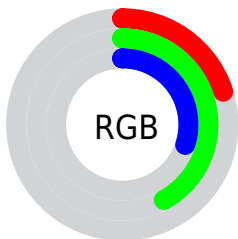
Format	Color
RYB	51, 89, 107
Decimal	3369805
CIELab	40.82, -26.15, 11.27
CIElCh	41, 28.477, 156.684
Yxy	11.7550, 0.2785, 0.4112
Android (android.graphics.Color)	4281559885 (0xFF336B4D)
YUV	86.8360, -4.8491, -31.4282
Hunter-Lab	34.2856, -18.5449, 8.6603

Details

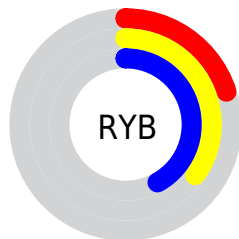
The Hex color **336B4D** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6B3351**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **669F7E**, and **003B21** is the 20% darker color. If you saturate the color by 10%, you get **286B47**, and if you desaturate by 10%, it is **3E6B53**.

Distribution



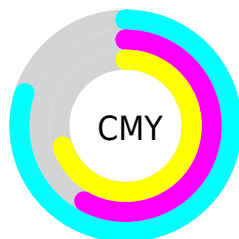
- Red (20%)
- Green (42%)
- Blue (30%)



- Red (20%)
- Yellow (35%)
- Blue (42%)



- Cyan (52%)
- Magenta (0%)
- Yellow (28%)
- Black (58%)



- Cyan (80%)
- Magenta (58%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 336B4D 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 336B4D by changing the saturation by 10% instead.

 336B4D

 336B4D

FFFFFF

 195236

 669F7E

 003B21

 80BA98

 00250B

 9AD6B3

 000600

 B6F2CE

 000000

 D2FFEB

 EFFFFFFF

 336B4D

 336B4D

 286B47

 3E6B53

■ 1E6B42

■ 486B58

■ 136B3C

■ 536B5E

■ 086B36

■ 5E6B64

■ 006B32

■ 696B6A

■ 736B6F

■ 7E6B75

■ 896B7B

■ 936B81

Harmonies

Analogous

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



51673A



336B4D



006D65

Triad

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



336B4D



45618E



8B5146

Complementary

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



336B4D



6B3351

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.



8C4D5C



336B4D



695886

Square

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



336B4D



0D688B



825073



7E5836

Rectangle

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



336B4D



006C74



825073



8D4F4D

Sweetspot

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



336B4D



768C80



526B33



3A4740



C7C7C7



474747

Same Dimension

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



336B4D



348C5D



336B68



303633



007536



00F572

Inverse Universe

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



6B3351



8C3463



6B3336



363033



75003F



F50083

Previews

White Background



This preview shows how the Hex color 336B4D looks on a white background.

Color Contrast Check

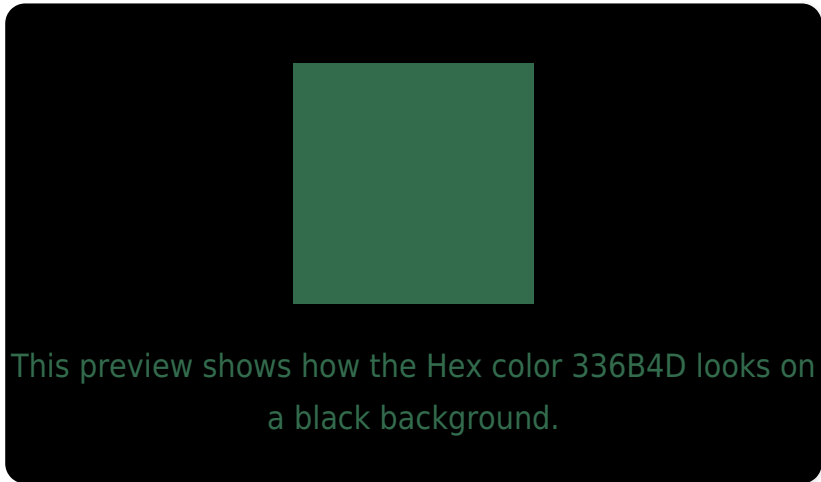
Large Text (above 18pt) WCAG AA ✓ Pass

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

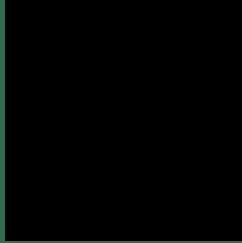
Any Text WCAG AA × Fail

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 336B4D Background



This preview shows how black text looks on a background with the Hex color 336B4D.



This preview shows how white text looks on a background with the Hex color 336B4D.

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
336B4D

Protanopia
676048

Deuteranopia
6F5C50



Tritanopia
3C676F

Trichromacy



Original Color
336B4D

Protanomaly
54644A

Deuteranomaly
59614F

Tritanomaly
396863

Monochromacy



Original Color
336B4D

Achromatopsia
575757

Achromatomaly
4A5E53

CSS Examples

Text

The CSS property to change the color of the text to Hex 336B4D 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 #336B4D looks like.

```
.text, #text, p{  
    color:#336B4D  
}
```

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 #336B4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #336B4D
}
```

Border

The CSS property to change the border of an element to Hex 336B4D 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
#336B4D }
```

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

```
.border{ border-color:#336B4D }
```

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

Here you see how a box with a 4 pixel #336B4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #336B4D; -webkit-box-shadow:4px 4px  
4px 4px #336B4D; box-shadow:4px 4px 4px  
4px #336B4D }
```

Background

The CSS property to change the background color of an element to Hex 336B4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#336B4D }
```

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

```
.background{ background-color:#336B4D }
```

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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