

Converting Colors

Hex(336A2B)

Have a look what the booklet for
Hex(336A2B) contains.

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Color

Hex(336A2B)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 336A2B |
| RGB | 51, 106, 43 |
| RGB Percent | 20%, 42%, 17% |
| CMY | 0.8000, 0.5843, 0.8314 |
| CMYK | 0.52, 0.00, 0.59, 0.58 |
| HSL | 112°, 42%, 29% |
| HSV | 112°, 59%, 42% |
| XYZ | 6.9553, 11.1863, 4.0781 |
| YIQ | 82.3730, -12.5570, -31.2530 |

Conversions

Conversions Part 2

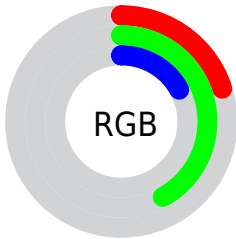
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 43, 106, 98 |
| Decimal | 3369515 |
| CIELab | 39.89, -31.78, 29.45 |
| CIELCh | 40, 43.327, 137.178 |
| Yxy | 11.1863, 0.3130, 0.5034 |
| Android (android.graphics.Color) | 4281559595 (0xFF336A2B) |
| YUV | 82.3730, -19.4109, -27.5141 |
| Hunter-Lab | 33.4459, -21.4100, 16.1829 |

Details

The Hex color **336A2B** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **622B6A**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **669E5B**, and **003A00** is the 20% darker color. If you saturate the color by 10%, you get **2A6A20**, and if you desaturate by 10%, it is **3C6A36**.

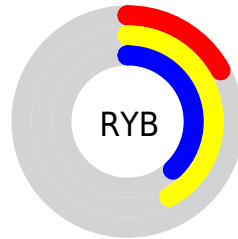
Distribution



Red (20%)

Green (42%)

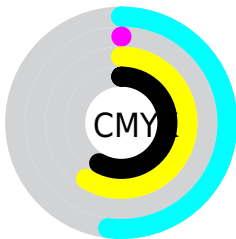
Blue (17%)



Red (17%)

Yellow (42%)

Blue (38%)

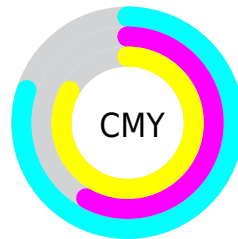


Cyan (52%)

Magenta (0%)

Yellow (59%)

Black (58%)



Cyan (80%)

Magenta (58%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 336A2B 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 336A2B by changing the saturation by 10% instead.



336A2B



336A2B

FFFFFF



185114



669E5B



003A00



81B974



002500



9BD58E



000000



B7F1A8



D3FFC4



F0FFE0



FFFFFFD



336A2B



336A2B

■ 2A6A20

■ 3C6A36

■ 206A16

■ 466A40

■ 176A0B

■ 4F6A4B

■ 0E6A01

■ 586A55

■ 0D6A00

■ 616A60

■ 6B6A6B

■ 746A75

■ 7D6A80

■ 866A8A

Harmonies

Analogous

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



5D6212



336A2B



006E4D

Triad

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



336A2B



0066A3



9E3D4B

Complementary

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



336A2B



622B6A

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.



963F6F



336A2B



415BA2

Square

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



336A2B



006D91



794C8E



94492B

Rectangle

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



336A2B



006F66



794C8E



9E3C57

Sweetspot

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



336A2B



748A71



6A622B



384536



C4C4C4



454545

Same Dimension

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



336A2B



348A28



2B6A42



313630



0F7500



1FF500

Inverse Universe

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



622B6A



7D288A



6A2B53



353036



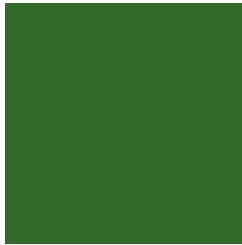
660075



D600F5

Previews

White Background



This preview shows how the Hex color 336A2B looks on a white background.

Color Contrast Check

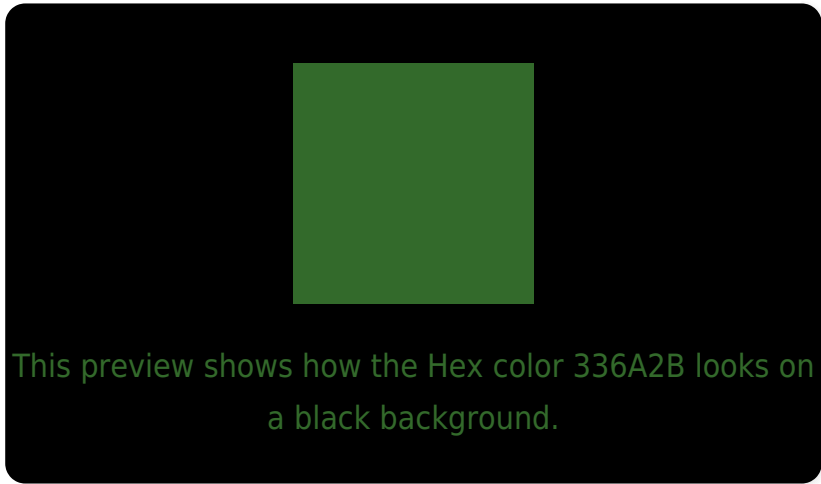
Large Text (above 18pt) WCAG AA ✓ Pass

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

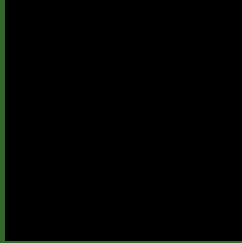
Any Text WCAG AA × Fail

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 336A2B Background



This preview shows how black text looks on a background with the Hex color 336A2B.



This preview shows how white text looks on a background with the Hex color 336A2B.

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
336A2B

Protanopia
685E27

Deuteranopia
735930



Tritanopia
40636B

Trichromacy



Original Color
336A2B

Protanomaly
556228

Deuteranomaly
5C5F2E

Tritanomaly
3B6654

Monochromacy



Original Color
336A2B

Achromatopsia
525252

Achromatomaly
475B44

CSS Examples

Text

The CSS property to change the color of the text to Hex 336A2B 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 #336A2B looks like.

```
.text, #text, p{  
    color:#336A2B  
}
```

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 #336A2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #336A2B
}
```

Border

The CSS property to change the border of an element to Hex 336A2B 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
#336A2B }
```

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

```
.border{ border-color:#336A2B }
```

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

Here you see how a box with a 4 pixel #336A2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #336A2B; -webkit-box-shadow:4px 4px  
4px 4px #336A2B; box-shadow:4px 4px 4px  
4px #336A2B }
```

Background

The CSS property to change the background color of an element to Hex 336A2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#336A2B }
```

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

```
.background{ background-color:#336A2B }
```

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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