

Converting Colors

Hex(336B0D)

Have a look what the booklet for
Hex(336B0D) contains.

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Color

Hex(336B0D)

Conversions

Conversions Part 1

Format	Color
Hex	336B0D
RGB	51, 107, 13
RGB Percent	20%, 42%, 5%
CMY	0.8000, 0.5804, 0.9490
CMYK	0.52, 0.00, 0.88, 0.58
HSL	96°, 78%, 24%
HSV	96°, 88%, 42%
XYZ	6.6956, 11.2483, 2.1990
YIQ	79.5400, -3.2020, -41.1060

Conversions

Conversions Part 2

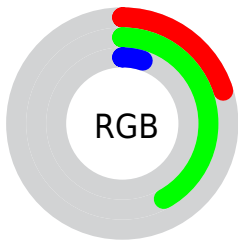
Format	Color
RYB	13, 107, 69
Decimal	3369741
CIELab	40.00, -34.86, 42.08
CIELCh	40, 54.643, 129.640
Yxy	11.2483, 0.3324, 0.5584
Android (android.graphics.Color)	4281559821 (0xFF336B0D)
YUV	79.5400, -32.8042, -25.0296
Hunter-Lab	33.5384, -23.0566, 19.5894

Details

The Hex color **336B0D** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **450D6B**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **689F42**, and **003B00** is the 20% darker color. If you saturate the color by 10%, you get **2D6B02**, and if you desaturate by 10%, it is **396B18**.

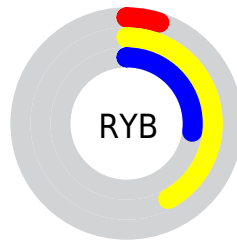
Distribution



Red (20%)

Green (42%)

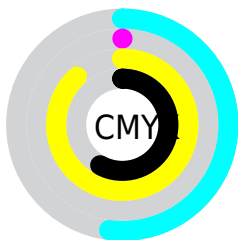
Blue (5%)



Red (5%)

Yellow (42%)

Blue (27%)

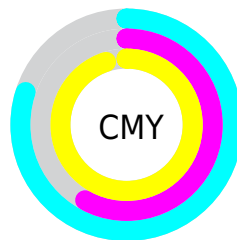


Cyan (52%)

Magenta (0%)

Yellow (88%)

Black (58%)



Cyan (80%)

Magenta (58%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 336B0D 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 336B0D by changing the saturation by 10% instead.



336B0D



336B0D

FFFFFF



175200



689F42



003B00



83BA5B



002600



9ED675



000000



BAF38F



D6FFAB



F3FFC6



FFFFE3



336B0D



336B0D

■ 2D6B02

■ 396B18

■ 2B6B00

■ 406B22

■ 466B2D

■ 4C6B38

■ 536B42

■ 596B4D

■ 606B58

■ 666B63

■ 6C6B6D

Harmonies

Analogous

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



656100



336B0D



00703D

Triad

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



336B0D



006BB2



AD2C52

Complementary

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



336B0D



450D6B

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.



9E357E



336B0D



005FB7

Square

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



336B0D



007196



714BA4



A43C27

Rectangle

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



336B0D



00725C



714BA4



AA2C61

Sweetspot

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



336B0D



778C68



6B440D



3A4731



C7C7C7



474747

Same Dimension

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



336B0D



398C00



0D6B15



323630



2F7500



63F500

Inverse Universe

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



450D6B



54008C



6B0D63



333036



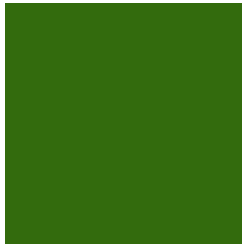
460075



9200F5

Previews

White Background



This preview shows how the Hex color 336B0D looks on a white background.

Color Contrast Check

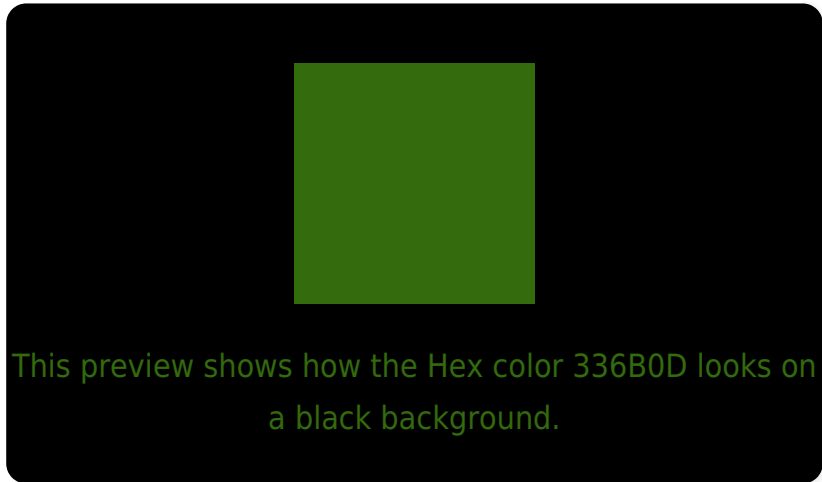
Large Text (above 18pt) WCAG AA ✓ Pass

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

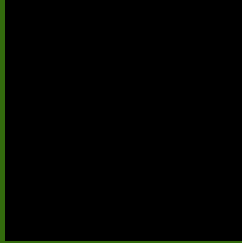
Any Text WCAG AA × Fail

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 336B0D Background



This preview shows how black text looks on a background with the Hex color 336B0D.



This preview shows how white text looks on a background with the Hex color 336B0D.

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
336B0D

Protanopia
6A5E08

Deuteranopia
765919



Tritanopia
42646C

Trichromacy



Original Color
336B0D

Protanomaly
56630A

Deuteranomaly
5E6015

Tritanomaly
3D6749

Monochromacy



Original Color
336B0D

Achromatopsia
505050

Achromatomaly
455A38

CSS Examples

Text

The CSS property to change the color of the text to Hex 336B0D 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 #336B0D looks like.

```
.text, #text, p{  
    color:#336B0D  
}
```

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 #336B0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #336B0D
}
```

Border

The CSS property to change the border of an element to Hex 336B0D 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
#336B0D }
```

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

```
.border{ border-color:#336B0D }
```

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

Here you see how a box with a 4 pixel #336B0D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #336B0D; -webkit-box-shadow:4px 4px  
4px 4px #336B0D; box-shadow:4px 4px 4px  
4px #336B0D }
```

Background

The CSS property to change the background color of an element to Hex 336B0D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#336B0D }
```

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

```
.background{ background-color:#336B0D }
```

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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