

# Converting Colors

Hex(336C00)

Have a look what the booklet for  
Hex(336C00) contains.

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**Color**

**Hex(336C00)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	336C00
RGB	51, 108, 0
RGB Percent	20%, 42%, 0%
CMY	0.8000, 0.5765, 1.0000
CMYK	0.53, 0.00, 1.00, 0.58
HSL	92°, 100%, 21%
HSV	92°, 100%, 42%
XYZ	6.7278, 11.4289, 1.8514
YIQ	78.6450, 0.6960, -45.6720

# Conversions

## Conversions Part 2

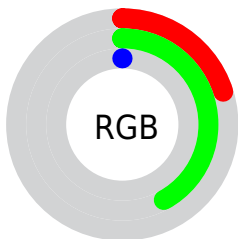
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 108, 57
Decimal	3369984
CIELab	40.29, -35.81, 45.63
CIELCh	40, 58.006, 128.129
Yxy	11.4289, 0.3363, 0.5712
Android (android.graphics.Color)	4281560064 (0xFF336C00)
YUV	78.6450, -38.7720, -24.2447
Hunter-Lab	33.8067, -23.6388, 20.4177

# Details

The Hex color **336C00** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **39006C**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **68A03B**, and **003C00** is the 20% darker color. If you saturate the color by 10%, you get **336C00**, and if you desaturate by 10%, it is **396C0B**.

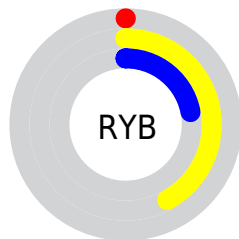
# Distribution



Red (20%)

Green (42%)

Blue (0%)



Red (0%)

Yellow (42%)

Blue (22%)

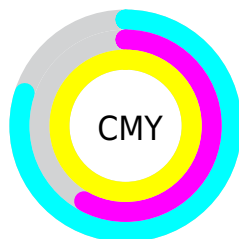


Cyan (53%)

Magenta (0%)

Yellow (100%)

Black (58%)



Cyan (80%)

Magenta (58%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 336C00 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 336C00 by changing the saturation by 10% instead.



 336C00

 336C00

 FFFFF9

 165300

 68A03B

 003C00

 83BB55

 002600

 9FD76F

 000200

 BBF489

 000000

 D8FFA4

 F5FFC0

 FFFFDC

 336C00

 396C0B

 3E6C16

 446C20

 4A6C2B

 506C36

 556C41

 5B6C4C

 616C56

 666C61

# Harmonies

## Analogous

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



686100



336C00



007239

# Triad

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



336C00



006DB7



B22654

# Complementary

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



336C00



39006C

# 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.



A03283



336C00



0061BE

# Square

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



336C00



007399



6F4CAA



A93827

# Rectangle

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



336C00



00735A



6F4CAA



AF2664



# Sweetspot

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



336C00



768C62



6C3800



3A472E



C7C7C7



474747



# Same Dimension

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



336C00



428C00



006C02



333630



377500



74F500



# Inverse Universe

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



39006C



4A008C



6C006A



333036



3E0075



8100F5



# Previews

## White Background



This preview shows how the Hex color 336C00 looks on a white background.

## Color Contrast Check

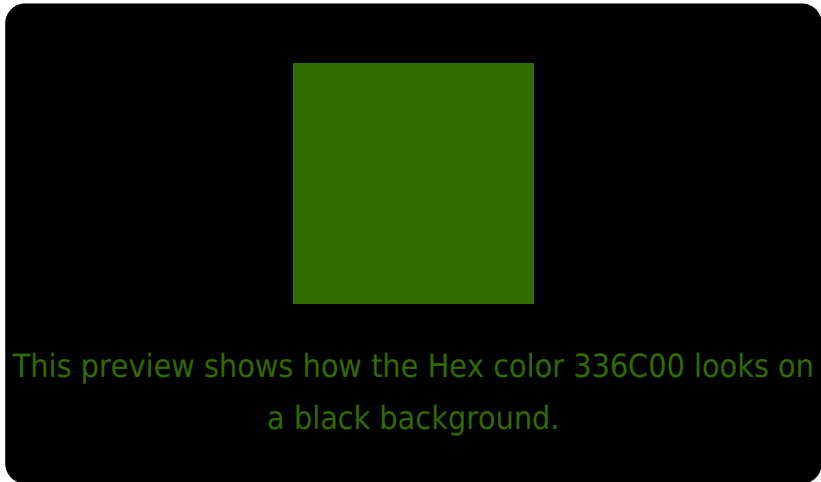
Large Text (above 18pt) WCAG AA ✓ Pass

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

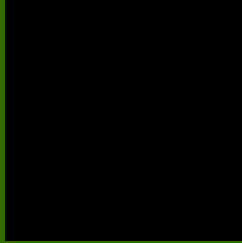
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 336C00 Background



This preview shows how black text looks on a background with the Hex color 336C00.




This preview shows how white text looks on a background with the Hex color 336C00.

# 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**  
42646C

# Trichromacy



**Original Color**  
336C00

**Protanomaly**  
576400

**Deuteranomaly**  
5E610E

**Tritanomaly**  
3D6745

# Monochromacy



**Original Color**  
336C00

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
455A32

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 336C00 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 #336C00 looks like.

```
.text, #text, p{  
    color:#336C00  
}
```

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 #336C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #336C00
}
```

## Border

The CSS property to change the border of an element to Hex 336C00 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
#336C00 }
```

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

```
.border{ border-color:#336C00 }
```

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

Here you see how a box with a 4 pixel #336C00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #336C00; -webkit-box-shadow:4px 4px  
4px 4px #336C00; box-shadow:4px 4px 4px  
4px #336C00 }
```

# Background

The CSS property to change the background color of an element to Hex 336C00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#336C00 }
```

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

```
.background{ background-color:#336C00 }
```

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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