

Converting Colors

Hex(336530)

Have a look what the booklet for
Hex(336530) contains.

Hex(336530)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(336530)

Conversions

Conversions Part 1

Format	Color
Hex	336530
RGB	51, 101, 48
RGB Percent	20%, 40%, 19%
CMY	0.8000, 0.6039, 0.8118
CMYK	0.50, 0.00, 0.52, 0.60
HSL	117°, 36%, 29%
HSV	117°, 52%, 40%
XYZ	6.5524, 10.2246, 4.4245
YIQ	80.0080, -12.7870, -27.0830

Conversions

Conversions Part 2

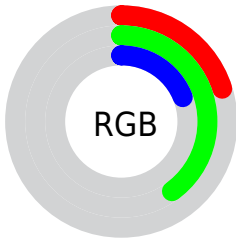
Format	Color
RYB	48, 101, 98
Decimal	3368240
CIELab	38.24, -28.79, 24.76
CIELCh	38, 37.971, 139.297
Yxy	10.2246, 0.3091, 0.4823
Android (android.graphics.Color)	4281558320 (0xFF336530)
YUV	80.0080, -15.7799, -25.4400
Hunter-Lab	31.9759, -19.3800, 14.1792

Details

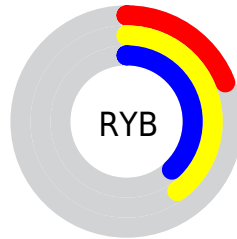
The Hex color **336530** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **623065**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **65985F**, and **003501** is the 20% darker color. If you saturate the color by 10%, you get **296526**, and if you desaturate by 10%, it is **3D653A**.

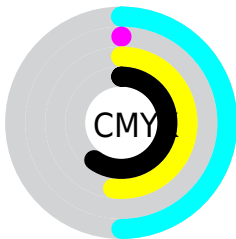
Distribution



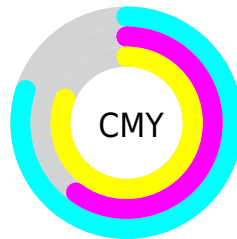
- Red (20%)
- Green (40%)
- Blue (19%)



- Red (19%)
- Yellow (40%)
- Blue (38%)



- Cyan (50%)
- Magenta (0%)
- Yellow (52%)
- Black (60%)



- Cyan (80%)
- Magenta (60%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 336530 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 336530 by changing the saturation by 10% instead.

 336530

 336530

FFFFFF

 1A4D1A

 65985F

 003501

 7FB378

 002100

 9ACF92

 000000

 B5EBAD

 D1FFC9

 EEFFE5

 336530

 336530

 296526

 3D653A

■ 20651C

■ 466544

■ 166512

■ 50654E

■ 0D6508

■ 596558

■ 066500

■ 636563

■ 6C656D

■ 766577

■ 7F6581

■ 89658B

Harmonies

Analogous

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



585E1C



336530



00684E

Triad

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



336530



006196



933F47

Complementary

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



336530



623065

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.



8D4066



336530



485694

Square

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



336530



006788



754A82



89492C

Rectangle

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



336530



006963



754A82



923E52

Sweetspot

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



336530



6E826D



656130



364236



C2C2C2



424242

Same Dimension

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



336530



358230



306547



2E332E



067300



0EF200

Inverse Universe

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



623065



7D3082



65304E



332E33



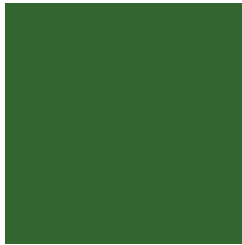
6C0073



E500F2

Previews

White Background



This preview shows how the Hex color 336530 looks on a white background.

Color Contrast Check

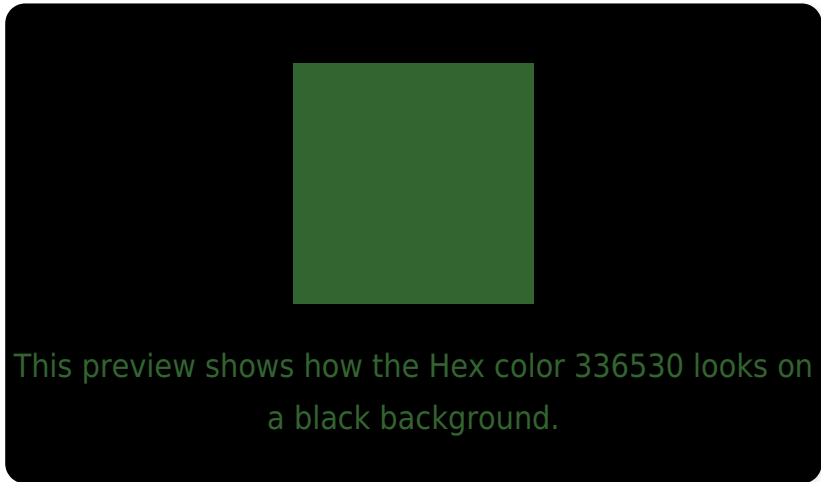
Large Text (above 18pt) WCAG AA ✓ Pass

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

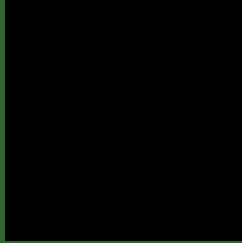
Any Text WCAG AA × Fail

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 336530 Background



This preview shows how black text looks on a background with the Hex color 336530.



This preview shows how white text looks on a background with the Hex color 336530.

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
336530

Protanopia
635A2C

Deuteranopia
6D5634



Tritanopia
3E5F67

Trichromacy



Original Color
336530

Protanomaly
525E2D

Deuteranomaly
585B33

Tritanomaly
3A6153

Monochromacy



Original Color
336530

Achromatopsia
505050

Achromatomaly
455844

CSS Examples

Text

The CSS property to change the color of the text to Hex 336530 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 #336530 looks like.

```
.text, #text, p{  
    color:#336530  
}
```

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 #336530 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #336530
}
```

Border

The CSS property to change the border of an element to Hex 336530 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
#336530 }
```

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

```
.border{ border-color:#336530 }
```

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

Here you see how a box with a 4 pixel #336530 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #336530; -webkit-box-shadow:4px 4px  
4px 4px #336530; box-shadow:4px 4px 4px  
4px #336530 }
```

Background

The CSS property to change the background color of an element to Hex 336530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#336530 }
```

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

```
.background{ background-color:#336530 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor