

Converting Colors

Hex(335810)

Have a look what the booklet for
Hex(335810) contains.

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Color

Hex(335810)

Conversions

Conversions Part 1

Format	Color
Hex	335810
RGB	51, 88, 16
RGB Percent	20%, 35%, 6%
CMY	0.8000, 0.6549, 0.9373
CMYK	0.42, 0.00, 0.82, 0.65
HSL	91°, 69%, 20%
HSV	91°, 82%, 35%
XYZ	4.9485, 7.7207, 1.7196
YIQ	68.7290, 1.0600, -30.2360

Conversions

Conversions Part 2

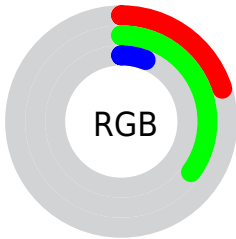
Format	Color
R_YB	16, 88, 53
Decimal	3364880
CIE _{Lab}	33.39, -26.20, 34.98
CIE _{LCh}	33, 43.709, 126.835
Yxy	7.7207, 0.3439, 0.5366
Android (android.graphics.Color)	4281554960 (0xFF335810)
YUV	68.7290, -25.9954, -15.5483
Hunter-Lab	27.7861, -16.8362, 15.7809

Details

The Hex color **335810** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **351058**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **658A41**, and **002A00** is the 20% darker color. If you saturate the color by 10%, you get **2E5807**, and if you desaturate by 10%, it is **385819**.

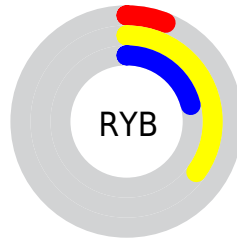
Distribution



Red (20%)

Green (35%)

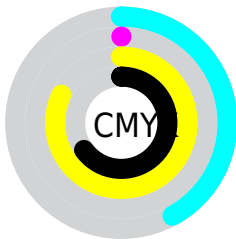
Blue (6%)



Red (6%)

Yellow (35%)

Blue (21%)

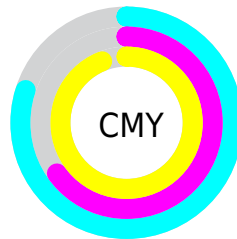


Cyan (42%)

Magenta (0%)

Yellow (82%)

Black (65%)



Cyan (80%)

Magenta (65%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 335810 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 335810 by changing the saturation by 10% instead.

 335810

 335810

FFFFFFC

 1B4000

 658A41

 002A00

 7FA559

 001400

 9AC072

 000000

 B5DC8C

 D1F9A7

 EEFFC3

 FFFFDF

 335810

 335810

■ 2E5807

■ 385819

■ 2B5800

■ 3C5822

■ 41582A

■ 455833

■ 4A583C

■ 4E5845

■ 53584E

■ 575856

■ 5C585F

Harmonies

Analogous

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



585000



335810



005D32

Triad

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



335810



00598E



8C2B48

Complementary

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



335810



351058

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.



7E326A



335810



005094

Square

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



335810



005E77



594286



873427

Rectangle

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



335810



005E4A



594286



892B54

Sweetspot

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



335810



647356



583410



323B29



BABABA



3B3B3B

Same Dimension

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



335810



397302



105810



292B27



346B00



72EB00

Inverse Universe

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



351058



3C0273



581058



29272B



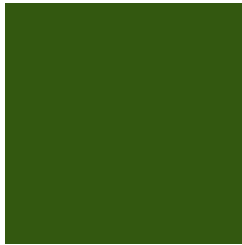
37006B



7900EB

Previews

White Background



This preview shows how the Hex color 335810 looks on a white background.

Color Contrast Check

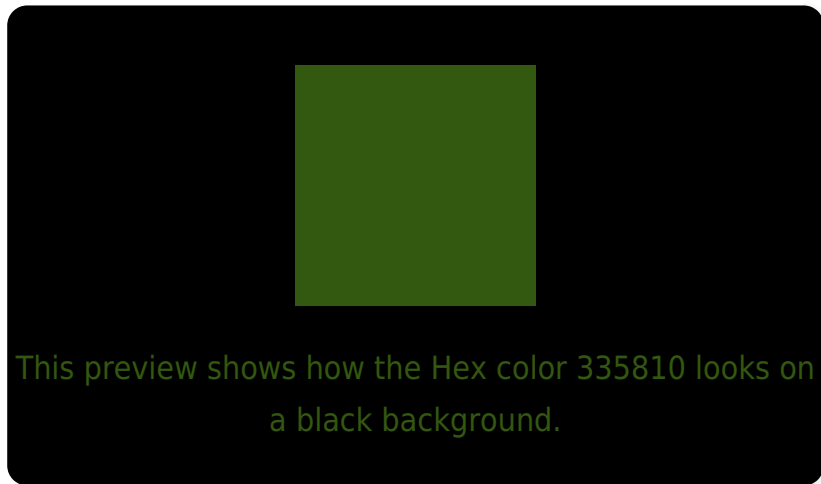
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

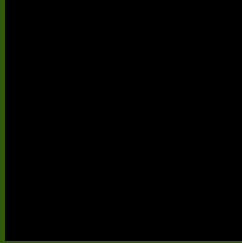
Any Text WCAG AA × Fail

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 335810 Background



This preview shows how black text looks on a background with the Hex color 335810.



This preview shows how white text looks on a background with the Hex color 335810.

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
335810

Protanopia
584F0D

Deuteranopia
624A17



Tritanopia
3D5258

Trichromacy



Original Color
335810

Protanomaly
4B520E

Deuteranomaly
514F14

Tritanomaly
39543E

Monochromacy



Original Color
335810

Achromatopsia
454545

Achromatomaly
3E4C32

CSS Examples

Text

The CSS property to change the color of the text to Hex 335810 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 #335810 looks like.

```
.text, #text, p{  
    color:#335810  
}
```

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 #335810 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #335810
}
```

Border

The CSS property to change the border of an element to Hex 335810 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
#335810 }
```

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

```
.border{ border-color:#335810 }
```

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

Here you see how a box with a 4 pixel #335810 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #335810; -webkit-box-shadow:4px 4px  
4px 4px #335810; box-shadow:4px 4px 4px  
4px #335810 }
```

Background

The CSS property to change the background color of an element to Hex 335810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#335810 }
```

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

```
.background{ background-color:#335810 }
```

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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