

Converting Colors

Hex(335216)

Have a look what the booklet for
Hex(335216) contains.

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Color

Hex(335216)

Conversions

Conversions Part 1

Format	Color
Hex	335216
RGB	51, 82, 22
RGB Percent	20%, 32%, 9%
CMY	0.8000, 0.6784, 0.9137
CMYK	0.38, 0.00, 0.73, 0.68
HSL	91°, 58%, 20%
HSV	91°, 73%, 32%
XYZ	4.5274, 6.7963, 1.8323
YIQ	65.8910, 0.7840, -25.2320

Conversions

Conversions Part 2

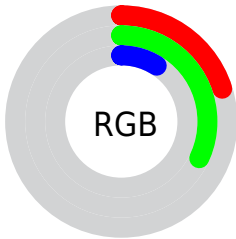
Format	Color
R_{YB}	22, 82, 53
Decimal	3363350
CIE _{Lab}	31.34, -22.80, 30.37
CIE _{LCh}	31, 37.973, 126.898
Yxy	6.7963, 0.3441, 0.5166
Android (android.graphics.Color)	4281553430 (0xFF335216)
YUV	65.8910, -21.6383, -13.0594
Hunter-Lab	26.0698, -14.6232, 14.0817

Details

The Hex color **335216** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **351652**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **648445**, and **022500** is the 20% darker color. If you saturate the color by 10%, you get **2F520E**, and if you desaturate by 10%, it is **37521E**.

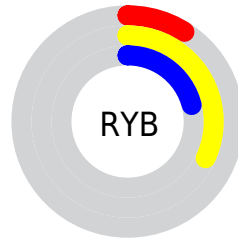
Distribution



Red (20%)

Green (32%)

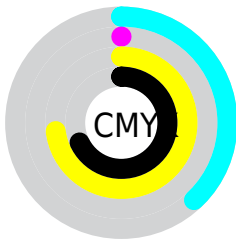
Blue (9%)



Red (9%)

Yellow (32%)

Blue (21%)

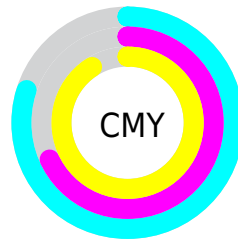


Cyan (38%)

Magenta (0%)

Yellow (73%)

Black (68%)



Cyan (80%)

Magenta (68%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 335216 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 335216 by changing the saturation by 10% instead.

 335216

 335216

FFFFFF

 1C3B00

 648445

 022500

 7E9E5D

 000900

 98B976

 000000

 B4D590

 D0F1AB

 ECFFC6

 FFFF E3

 335216

 335216

■ 2F520E

■ 37521E

■ 2B5206

■ 3B5226

■ 285200

■ 40522F

■ 445237

■ 48523F

■ 4C5247

■ 51524F

■ 555258

■ 595260

Harmonies

Analogous

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



524B06



335216



005631

Triad

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



335216



005380



7F2D44

Complementary

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



335216



351652

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.



733262



335216



0D4B85

Square

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



335216



00576D



543F7A



7B3428

Rectangle

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



335216



005846



543F7A



7D2D4E

Sweetspot

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



335216



5F6B54



523516



2E3628



B5B5B5



363636

Same Dimension

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



335216



3A6B0D



165217



272925



336900



70E800

Inverse Universe

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



351652



3E0D6B



521651



272529



360069



7800E8

Previews

White Background



This preview shows how the Hex color 335216 looks on a white background.

Color Contrast Check

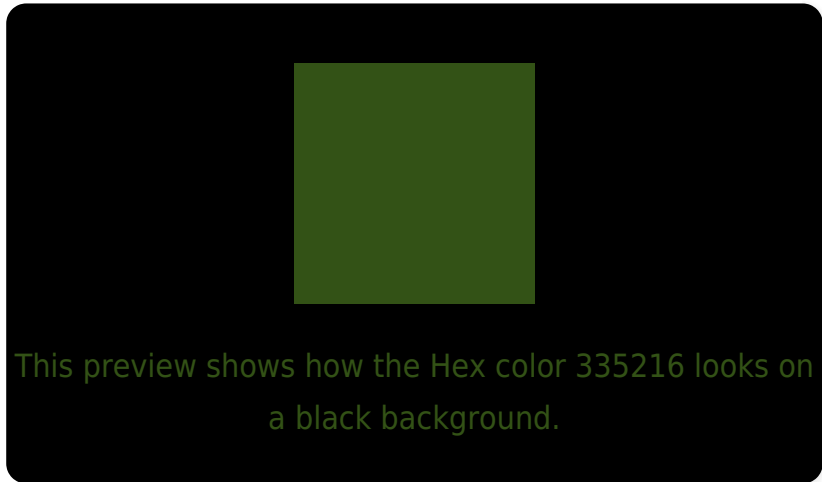
Large Text (above 18pt) WCAG AA ✓ Pass

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

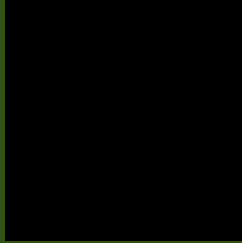
Any Text WCAG AA × Fail

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 335216 Background



This preview shows how black text looks on a background with the Hex color 335216.



This preview shows how white text looks on a background with the Hex color 335216.

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

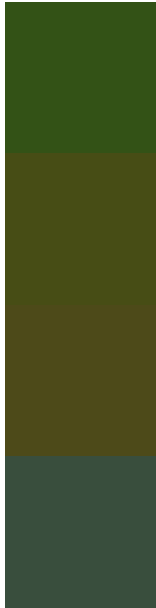


Original Color
335216

Protanopia
534A14

Deuteranopia
5C461B

Trichromacy



Original Color
335216

Protanomaly
474D15

Deuteranomaly
4D4A19

Tritanomaly
394E3D

Monochromacy



Original Color
335216

Achromatopsia
424242

Achromatomaly
3D4832

CSS Examples

Text

The CSS property to change the color of the text to Hex 335216 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 #335216 looks like.

```
.text, #text, p{  
    color:#335216  
}
```

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 #335216 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #335216
}
```

Border

The CSS property to change the border of an element to Hex 335216 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
#335216 }
```

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

```
.border{ border-color:#335216 }
```

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

Here you see how a box with a 4 pixel #335216 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #335216; -webkit-box-shadow:4px 4px  
4px 4px #335216; box-shadow:4px 4px 4px  
4px #335216 }
```

Background

The CSS property to change the background color of an element to Hex 335216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#335216 }
```

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

```
.background{ background-color:#335216 }
```

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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