

Converting Colors

Hex(345209)

Have a look what the booklet for
Hex(345209) contains.

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Color

Hex(345209)

Conversions

Conversions Part 1

Format	Color
Hex	345209
RGB	52, 82, 9
RGB Percent	20%, 32%, 4%
CMY	0.7961, 0.6784, 0.9647
CMYK	0.37, 0.00, 0.89, 0.68
HSL	85°, 80%, 18%
HSV	85°, 89%, 32%
XYZ	4.4828, 6.7844, 1.3317
YIQ	64.7080, 5.5530, -29.0630

Conversions

Conversions Part 2

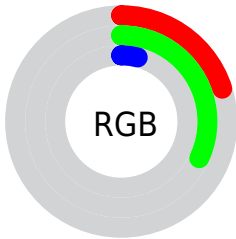
Format	Color
RYB	9, 82, 39
Decimal	3428873
CIELab	31.31, -23.28, 35.49
CIElCh	31, 42.442, 123.258
Yxy	6.7844, 0.3558, 0.5385
Android (android.graphics.Color)	4281618953 (0xFF345209)
YUV	64.7080, -27.4640, -11.1449
Hunter-Lab	26.0468, -14.8613, 15.2015

Details

The Hex color **345209** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **270952**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **66843B**, and **002500** is the 20% darker color. If you saturate the color by 10%, you get **315201**, and if you desaturate by 10%, it is **375211**.

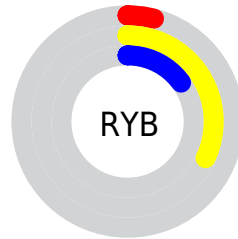
Distribution



Red (20%)

Green (32%)

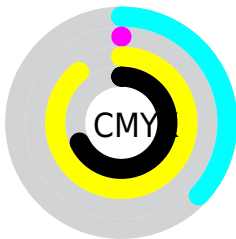
Blue (4%)



Red (4%)

Yellow (32%)

Blue (15%)

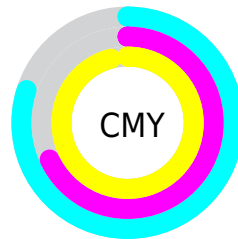


Cyan (37%)

Magenta (0%)

Yellow (89%)

Black (68%)



Cyan (80%)

Magenta (68%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 345209 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 345209 by changing the saturation by 10% instead.

 345209

 345209

 FFFFF5

 1D3B00

 66843B

 002500

 809E53

 000900

 9BB96C

 000000

 B6D586

 D2F1A1

 EFFFBC

 FFFFD8

 345209

 345209

■ 315201

■ 375211

■ 305200

■ 3B5219

■ 3E5222

■ 41522A

■ 455232

■ 48523A

■ 4C5242

■ 4F524B

■ 525253

Harmonies

Analogous

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



564900



345209



00572A

Triad

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



345209



005585



842747

Complementary

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



345209



270952

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.



742F68



345209



004D8C

Square

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



345209



00586D



4E3F82



812E27

Rectangle

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



345209



005841



4E3F82



812853

Sweetspot

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



345209



5F6B4E



522609



2F3624



B5B5B5



363636

Same Dimension

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



345209



3F6B00



105209



272925



3E6900



89E800

Inverse Universe

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



270952



2C006B



4B0952



262529



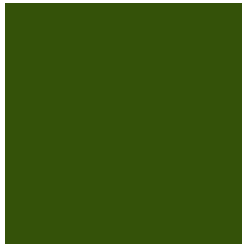
2B0069



5F00E8

Previews

White Background



This preview shows how the Hex color 345209 looks on a white background.

Color Contrast Check

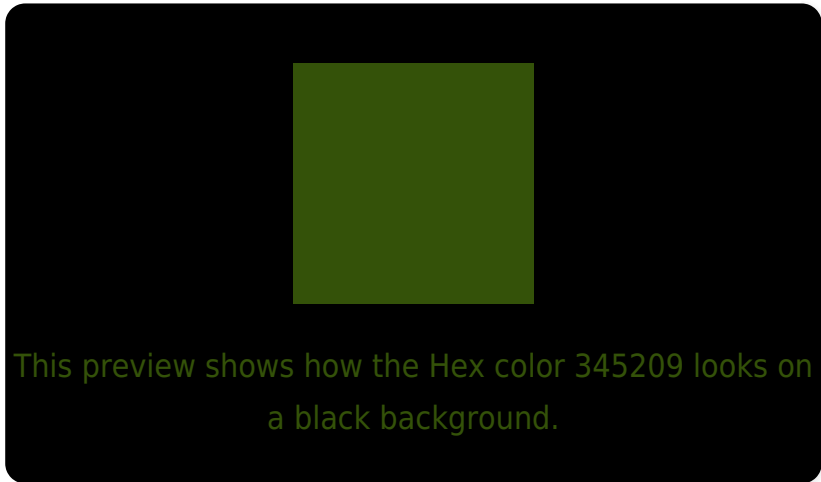
Large Text (above 18pt) WCAG AA ✓ Pass

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

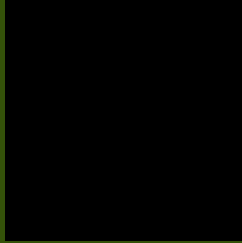
Any Text WCAG AA × Fail

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 345209 Background



This preview shows how black text looks on a background with the Hex color 345209.



This preview shows how white text looks on a background with the Hex color 345209.

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](#).

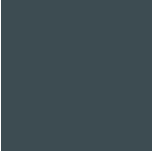
Dichromacy



Original Color
345209

Protanopia
534A06

Deuteranopia
5D4612



Tritanopia
3D4C52

Trichromacy



Original Color
345209

Protanomaly
484D07

Deuteranomaly
4E4A0F

Tritanomaly
3A4E37

Monochromacy



Original Color
345209

Achromatopsia
414141

Achromatomaly
3C472D

CSS Examples

Text

The CSS property to change the color of the text to Hex 345209 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 #345209 looks like.

```
.text, #text, p{  
    color:#345209  
}
```

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 #345209 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #345209
}
```

Border

The CSS property to change the border of an element to Hex 345209 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
#345209 }
```

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

```
.border{ border-color:#345209 }
```

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

Here you see how a box with a 4 pixel #345209 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #345209; -webkit-box-shadow:4px 4px  
4px 4px #345209; box-shadow:4px 4px 4px  
4px #345209 }
```

Background

The CSS property to change the background color of an element to Hex 345209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#345209 }
```

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

```
.background{ background-color:#345209 }
```

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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