

Converting Colors

Hex(338307)

Have a look what the booklet for
Hex(338307) contains.

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Color

Hex(338307)

Conversions

Conversions Part 1

Format	Color
Hex	338307
RGB	51, 131, 7
RGB Percent	20%, 51%, 3%
CMY	0.8000, 0.4863, 0.9725
CMYK	0.61, 0.00, 0.95, 0.49
HSL	99°, 90%, 27%
HSV	99°, 95%, 51%
XYZ	9.5199, 16.9517, 2.9713
YIQ	92.9440, -7.8760, -55.5240

Conversions

Conversions Part 2

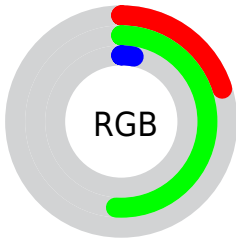
Format	Color
RYB	7, 131, 87
Decimal	3375879
CIELab	48.20, -44.52, 50.48
CIElCh	48, 67.302, 131.411
Yxy	16.9517, 0.3233, 0.5757
Android (android.graphics.Color)	4281565959 (0xFF338307)
YUV	92.9440, -42.3704, -36.7849
Hunter-Lab	41.1725, -30.7792, 24.5420

Details

The Hex color **338307** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **570783**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **6CB944**, and **005000** is the 20% darker color. If you saturate the color by 10%, you get **2E8300**, and if you desaturate by 10%, it is **3B8314**.

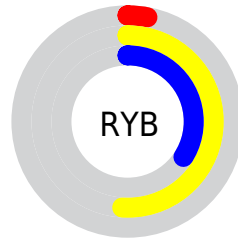
Distribution



Red (20%)

Green (51%)

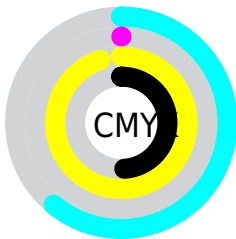
Blue (3%)



Red (3%)

Yellow (51%)

Blue (34%)

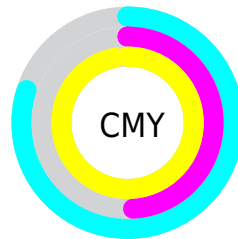


Cyan (61%)

Magenta (0%)

Yellow (95%)

Black (49%)



Cyan (80%)

Magenta (49%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 338307 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 338307 by changing the saturation by 10% instead.



338307



338307

FFFFFF



0E6900



6CB944



005000



88D55E



003800



A4F179



002300



C1FF94



000000



DEFFAF



FBFFCB



FFFFE8



338307



338307

■ 2E8300

■ 3B8314

■ 448321

■ 4C832E

■ 55833B

■ 5D8349

■ 668356

■ 6E8363

■ 778370

■ 7F837D

Harmonies

Analogous

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



777700



338307



00894C

Triad

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



338307



0083DF



D52D5F

Complementary

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



338307



570783

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.



C53898



338307



0072E3

Square

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



338307



008ABD



8E58C9



C94629

Rectangle

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



338307



008B74



8E58C9



D32C72

Sweetspot

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



338307



8CAB7B



835607



445739



D6D6D6



575757

Same Dimension

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



338307



3DAB00



078318



3E423C



2E8200



010300

Inverse Universe

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



570783



6E00AB



830772



403C42



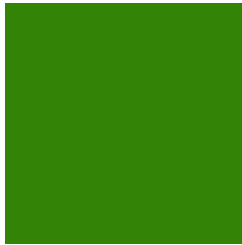
540082



020003

Previews

White Background



This preview shows how the Hex color 338307 looks on a white background.

Color Contrast Check

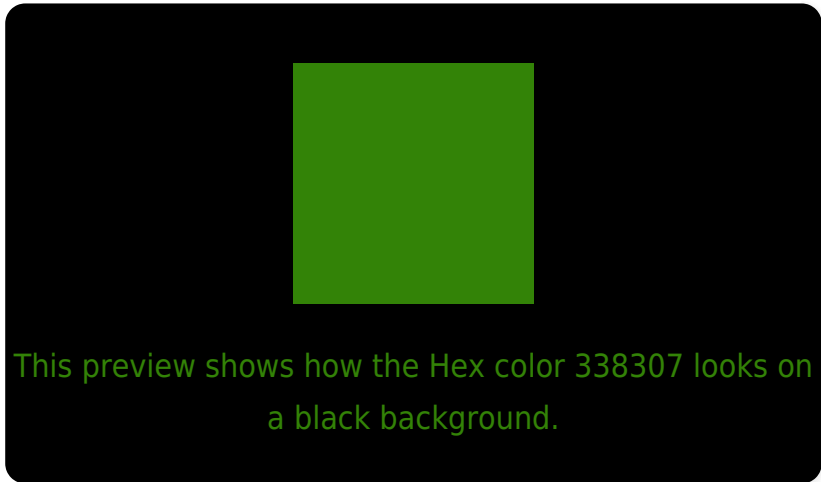
Large Text (above 18pt) WCAG AA ✓ Pass

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 338307 Background



This preview shows how black text looks on a background with the Hex color 338307.

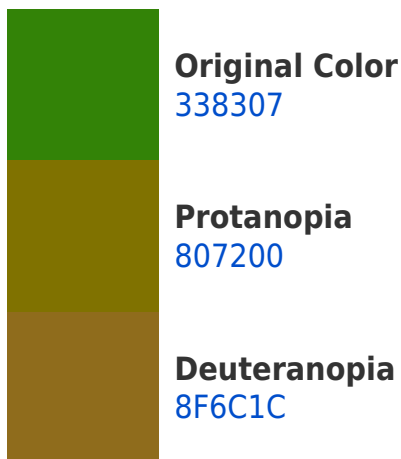


This preview shows how white text looks on a background with the Hex color 338307.

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
497A84

Trichromacy



Original Color
338307

Protanomaly
647803

Deuteranomaly
6E7414

Tritanomaly
417D57

Monochromacy



Original Color
338307

Achromatopsia
5D5D5D

Achromatomaly
4E6B3E

CSS Examples

Text

The CSS property to change the color of the text to Hex 338307 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 #338307 looks like.

```
.text, #text, p{  
    color:#338307  
}
```

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 #338307 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #338307
}
```

Border

The CSS property to change the border of an element to Hex 338307 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
#338307 }
```

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

```
.border{ border-color:#338307 }
```

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

Here you see how a box with a 4 pixel #338307 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #338307; -webkit-box-shadow:4px 4px  
4px 4px #338307; box-shadow:4px 4px 4px  
4px #338307 }
```

Background

The CSS property to change the background color of an element to Hex 338307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#338307 }
```

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

```
.background{ background-color:#338307 }
```

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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