

Converting Colors

Hex(3C8307)

Have a look what the booklet for
Hex(3C8307) contains.

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Color

Hex(3C8307)

Conversions

Conversions Part 1

Format	Color
Hex	3C8307
RGB	60, 131, 7
RGB Percent	24%, 51%, 3%
CMY	0.7647, 0.4863, 0.9725
CMYK	0.54, 0.00, 0.95, 0.49
HSL	94°, 90%, 27%
HSV	94°, 95%, 51%
XYZ	10.0181, 17.2086, 2.9946
YIQ	95.6350, -2.5120, -53.6160

Conversions

Conversions Part 2

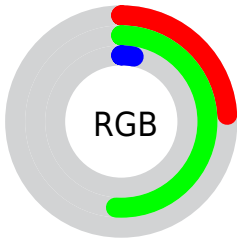
Format	Color
R_YB	7, 131, 78
Decimal	3965703
CIE Lab	48.52, -41.93, 50.87
CIE LCh	49, 65.924, 129.492
Yxy	17.2086, 0.3315, 0.5694
Android (android.graphics.Color)	4282155783 (0xFF3C8307)
YUV	95.6350, -43.6971, -31.2519
Hunter-Lab	41.4832, -29.4883, 24.7582

Details


The Hex color **3C8307** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **4E0783**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **74B944**, and **005000** is the 20% darker color. If you saturate the color by 10%, you get **388300**, and if you desaturate by 10%, it is **448314**.

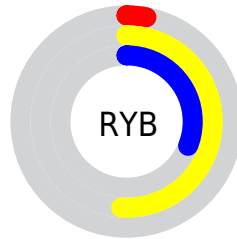
Distribution



 Red (24%)


 Green (51%)

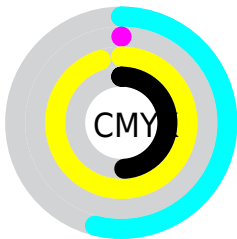
 Blue (3%)




 Red (3%)

 Yellow (51%)

 Blue (31%)

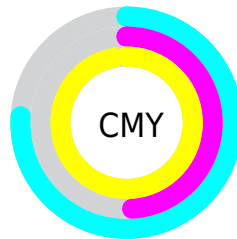


 Cyan (54%)

 Magenta (0%)

 Yellow (95%)

 Black (49%)



 Cyan (76%)

 Magenta (49%)

 Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C8307 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 3C8307 by changing the saturation by 10% instead.



3C8307



3C8307

FFFFFF



1D6900



74B944



005000



8FD55E



003900



ABF179



002400



C8FF94



000000



E5FFB0



FFFCC



FFFEE8



3C8307



3C8307

■ 388300

■ 448314

■ 4B8321

■ 53832E

■ 5A833B

■ 628349

■ 698356

■ 718363

■ 788370

■ 80837D

Harmonies

Analogous

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



7B7600



3C8307



00894A

Triad

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



3C8307



0084DC



D53164

Complementary

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



3C8307



4E0783

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.



C23D9C



3C8307



0074E2

Square

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



3C8307



008BB9



8A5BCA



CA472F

Rectangle

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



3C8307



008B71



8A5BCA



D23177

Sweetspot

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



3C8307



8FAB7B



834D07



465739



D6D6D6



575757

Same Dimension

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



3C8307



49AB00



07830F



3F423C



388200



010300

Inverse Universe

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



4E0783



6200AB



83077B



3F3C42



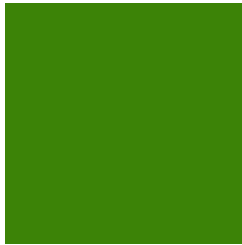
4A0082



010003

Previews

White Background



This preview shows how the Hex color 3C8307 looks on a white background.

Color Contrast Check

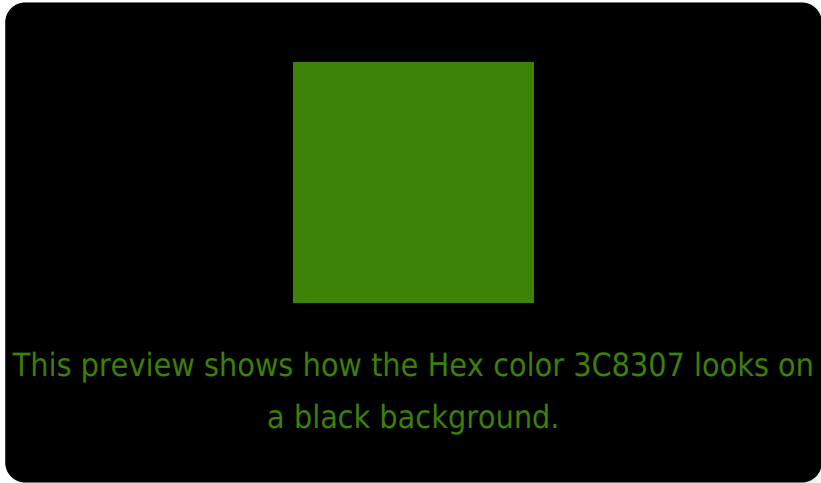
Large Text (above 18pt) WCAG AA ✓ Pass

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 3C8307 Background



This preview shows how black text looks on a background with the Hex color 3C8307.



This preview shows how white text looks on a background with the Hex color 3C8307.

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
3C8307

Deuteranopia
906D1C

Tritanopia
4F7A84

Trichromacy



Original Color
3C8307

Deuteranomaly
717514

Tritanomaly
487D57

Monochromacy



Original Color
3C8307

Achromatopsia
606060

Achromatomaly
536D40

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C8307 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 #3C8307 looks like.

```
.text, #text, p{  
    color:#3C8307  
}
```

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 #3C8307 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C8307
}
```

Border

The CSS property to change the border of an element to Hex 3C8307 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
#3C8307 }
```

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

```
.border{ border-color:#3C8307 }
```

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

Here you see how a box with a 4 pixel #3C8307 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C8307; -webkit-box-shadow:4px 4px  
4px 4px #3C8307; box-shadow:4px 4px 4px  
4px #3C8307 }
```

Background

The CSS property to change the background color of an element to Hex 3C8307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C8307 }
```

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

```
.background{ background-color:#3C8307 }
```

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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