

Converting Colors

Hex(3C8305)

Have a look what the booklet for
Hex(3C8305) contains.

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Color

Hex(3C8305)

Conversions

Conversions Part 1

Format	Color
Hex	3C8305
RGB	60, 131, 5
RGB Percent	24%, 51%, 2%
CMY	0.7647, 0.4863, 0.9804
CMYK	0.54, 0.00, 0.96, 0.49
HSL	94°, 93%, 27%
HSV	94°, 96%, 51%
XYZ	10.0072, 17.2042, 2.9369
YIQ	95.4070, -1.8700, -54.2380

Conversions

Conversions Part 2

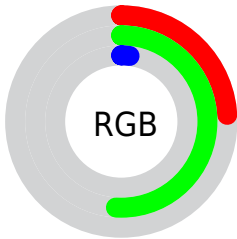
Format	Color
RYB	5, 131, 76
Decimal	3965701
CIELab	48.52, -41.99, 51.26
CIELCh	49, 66.258, 129.325
Yxy	17.2042, 0.3319, 0.5707
Android (android.graphics.Color)	4282155781 (0xFF3C8305)
YUV	95.4070, -44.5707, -31.0519
Hunter-Lab	41.4780, -29.5207, 24.8365

Details

The Hex color **3C8305** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **4C0583**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **74B943**, and **005000** is the 20% darker color. If you saturate the color by 10%, you get **398300**, and if you desaturate by 10%, it is **438312**.

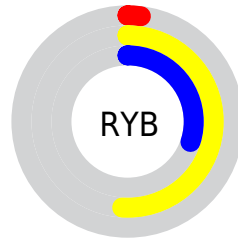
Distribution



Red (24%)

Green (51%)

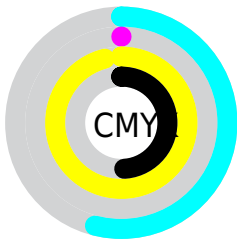
Blue (2%)



Red (2%)

Yellow (51%)

Blue (30%)

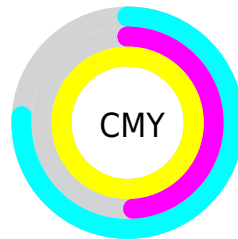


Cyan (54%)

Magenta (0%)

Yellow (96%)

Black (49%)



Cyan (76%)

Magenta (49%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C8305 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 3C8305 by changing the saturation by 10% instead.

 3C8305

 3C8305

FFFFFF

 1D6900


 74B943

 005000

 8FD55E

 003900

 ACF178

 002400

 C8FF93

 000000

 E5FFAF

 FFFFCB

 FFFF8

 3C8305

 3C8305

■ 398300

■ 438312

■ 4B831F

■ 52832C

■ 5A8339

■ 618346

■ 688354

■ 708361

■ 77836E

■ 7E837B

Harmonies

Analogous

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



7C7600



3C8305



008A49

Triad

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



3C8305



0084DD



D53064

Complementary

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



3C8305



4C0583

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



3C8305



0075E3

Square

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



3C8305



008BB9



8A5BCB



CA462E

Rectangle

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



3C8305



008C70



8A5BCB



D23077

Sweetspot

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



3C8305



8FAB79



834A05



465738



D6D6D6



575757

Same Dimension

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



3C8305



4BAB00



05830B



3F423C



398200



010300

Inverse Universe

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



4C0583



6000AB



83057D



3F3C42



490082



010003

Previews

White Background



This preview shows how the Hex color 3C8305 looks on a white background.

Color Contrast Check

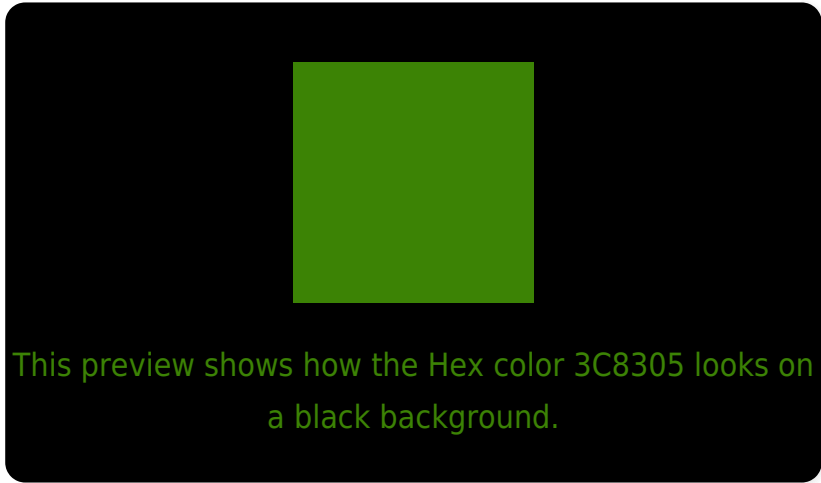
Large Text (above 18pt) WCAG AA ✓ Pass

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 3C8305 Background



This preview shows how black text looks on a background with the Hex color 3C8305.



This preview shows how white text looks on a background with the Hex color 3C8305.

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
3C8305

Deuteranopia
906D1B

Tritanopia
4F7A84

Trichromacy



Original Color
3C8305

Deuteranomaly
717513

Tritanomaly
487D56

Monochromacy



Original Color
3C8305

Achromatopsia
5F5F5F

Achromatomaly
526C3E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C8305 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 #3C8305 looks like.

```
.text, #text, p{  
    color:#3C8305  
}
```

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 #3C8305 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C8305
}
```

Border

The CSS property to change the border of an element to Hex 3C8305 is called "border". The border property can be set on classes, ids or directly on the HTML element.

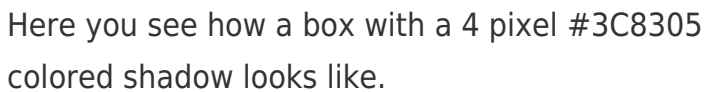
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3C8305 }
```

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

```
.border{ border-color:#3C8305 }
```

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



Here you see how a box with a 4 pixel #3C8305 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C8305; -webkit-box-shadow:4px 4px  
4px 4px #3C8305; box-shadow:4px 4px 4px  
4px #3C8305 }
```

Background

The CSS property to change the background color of an element to Hex 3C8305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C8305 }
```

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

```
.background{ background-color:#3C8305 }
```

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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