

Converting Colors

Hex(3C3300)

Have a look what the booklet for
Hex(3C3300) contains.

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Color

Hex(3C3300)

Conversions

Conversions Part 1

Format	Color
Hex	3C3300
RGB	60, 51, 0
RGB Percent	24%, 20%, 0%
CMY	0.7647, 0.8000, 1.0000
CMYK	0.00, 0.15, 1.00, 0.76
HSL	51°, 100%, 12%
HSV	51°, 100%, 24%
XYZ	3.0473, 3.3283, 0.4818
YIQ	47.8770, 21.7350, -13.9530

Conversions

Conversions Part 2

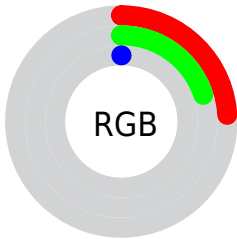
Format	Color
R_{YB}	11, 60, 0
Decimal	3945216
CIE Lab	21.31, -1.99, 29.86
CIE LCh	21, 29.922, 93.819
Yxy	3.3283, 0.4444, 0.4854
Android (android.graphics.Color)	4282135296 (0xFF3C3300)
YUV	47.8770, -23.6034, 10.6319
Hunter-Lab	18.2437, -2.1109, 11.2047

Details

The Hex color **3C3300** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **00093C**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **6E612F**, and **020600** is the 20% darker color. If you saturate the color by 10%, you get **3C3300**, and if you desaturate by 10%, it is **3C3406**.

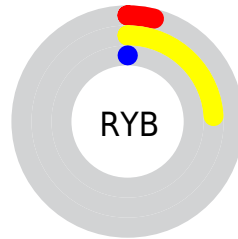
Distribution



Red (24%)

Green (20%)

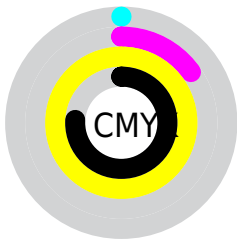
Blue (0%)



Red (4%)

Yellow (24%)

Blue (0%)

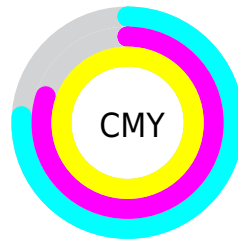


Cyan (0%)

Magenta (15%)

Yellow (100%)

Black (76%)



Cyan (76%)

Magenta (80%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C3300 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 3C3300 by changing the saturation by 10% instead.

 3C3300

 3C3300

 FFFFE5

 251E00

 6E612F

 020600

 887A47

 000000

 A3935F

 BEAE78

 DBC992

 F8E5AD

 FFFFC8

 3C3300

■ 3C3406

■ 3C350C

■ 3C3612

■ 3C3718

■ 3C371E

■ 3C3824

■ 3C392A

■ 3C3A30

■ 3C3B36

Harmonies

Analogous

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



4E2B09



3C3300



25390B

Triad

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



3C3300



003D4B



502247

Complementary

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



3C3300



00093C

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.



372C58



3C3300



003A5B

Square

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



3C3300



003E35



00355F



5A1E31

Rectangle

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



3C3300



0F3B18



00355F



49254E

Sweetspot

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



3C3300



4F4B37



3C0009



29271A



A8A8A8



292929

Same Dimension

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



3C3300



4F4300



273C00



1F1E1C



5E5000



DEBD00

Inverse Universe

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



00093C



000C4F



15003C



1C1C1F



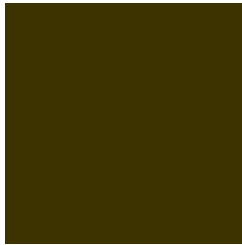
000E5E



0021DE

Previews

White Background



This preview shows how the Hex color 3C3300 looks on a white background.

Color Contrast Check

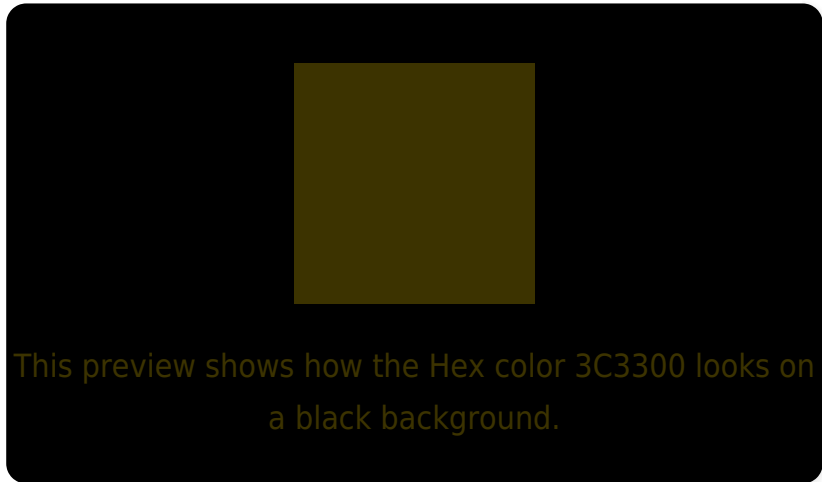
Large Text (above 18pt) WCAG AA ✓ Pass

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

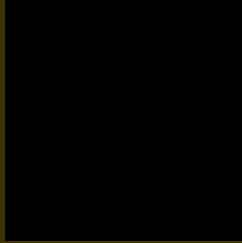
Any Text WCAG AA × Fail

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 3C3300 Background



This preview shows how black text looks on a background with the Hex color 3C3300.



This preview shows how white text looks on a background with the Hex color 3C3300.

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
3C3300

Protanopia
3A3402

Deuteranopia
413106



Tritanopia
3F2F33

Trichromacy



Original Color
3C3300

Protanomaly
3B3401

Deuteranomaly
3F3204

Tritanomaly
3E3020

Monochromacy



Original Color
3C3300

Achromatopsia
303030

Achromatomaly
34311F

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C3300 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 #3C3300 looks like.

```
.text, #text, p{  
    color:#3C3300  
}
```

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 #3C3300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C3300
}
```

Border

The CSS property to change the border of an element to Hex 3C3300 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
#3C3300 }
```

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

```
.border{ border-color:#3C3300 }
```

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

Here you see how a box with a 4 pixel #3C3300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C3300; -webkit-box-shadow:4px 4px  
4px 4px #3C3300; box-shadow:4px 4px 4px  
4px #3C3300 }
```

Background

The CSS property to change the background color of an element to Hex 3C3300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C3300 }
```

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

```
.background{ background-color:#3C3300 }
```

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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