

Converting Colors

Hex(3C4000)

Have a look what the booklet for
Hex(3C4000) contains.

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Color

Hex(3C4000)

Conversions

Conversions Part 1

Format	Color
Hex	3C4000
RGB	60, 64, 0
RGB Percent	24%, 25%, 0%
CMY	0.7647, 0.7490, 1.0000
CMYK	0.06, 0.00, 1.00, 0.75
HSL	64°, 100%, 13%
HSV	64°, 100%, 25%
XYZ	3.6969, 4.6275, 0.6983
YIQ	55.5080, 18.1600, -20.7520

Conversions

Conversions Part 2

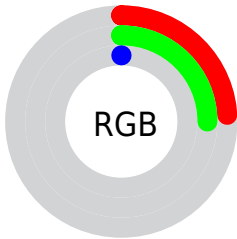
Format	Color
RYB	0, 64, 4
Decimal	3948544
CIELab	25.65, -10.10, 34.23
CIELCh	26, 35.687, 106.439
Yxy	4.6275, 0.4097, 0.5129
Android (android.graphics.Color)	4282138624 (0xFF3C4000)
YUV	55.5080, -27.3654, 3.9395
Hunter-Lab	21.5115, -6.9689, 13.1333

Details

The Hex color **3C4000** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **040040**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **6E7031**, and **051700** is the 20% darker color. If you saturate the color by 10%, you get **3C4000**, and if you desaturate by 10%, it is **3C4006**.

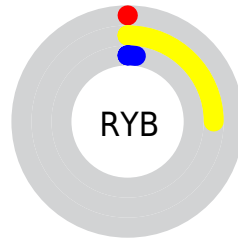
Distribution



Red (24%)

Green (25%)

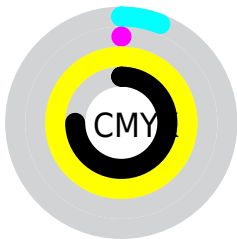
Blue (0%)



Red (0%)

Yellow (25%)

Blue (2%)

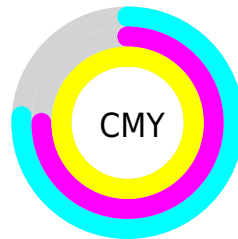


Cyan (6%)

Magenta (0%)

Yellow (100%)

Black (75%)



Cyan (76%)

Magenta (75%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C4000 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 3C4000 by changing the saturation by 10% instead.

 3C4000

 3C4000

 FFFFE8

 252A00

 6E7031

 051700

 888948

 000000

 A3A361

 BFBE7B

 DBDA95

 F8F6B0

 FFFFCB

 3C4000

■ 3C4006

■ 3D400D

■ 3D4013

■ 3E401A

■ 3E4020

■ 3E4026

■ 3F402D

■ 3F4033

■ 40403A

Harmonies

Analogous

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



543701



3C4000



1B4614

Triad

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



3C4000



004864



67244A

Complementary

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



3C4000



040040

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.



512F62



3C4000



004371

Square

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



3C4000



00494B



223B71



6D222F

Rectangle

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



3C4000



004826



223B71



622753

Sweetspot

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



3C4000



53543B



400300



2A2B1C



ABABAB



2B2B2B

Same Dimension

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



3C4000



4F5400



1D4000



21211E



5B6100



D2E000

Inverse Universe

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



040040



050054



230040



1E1E21



060061



0E00E0

Previews

White Background



This preview shows how the Hex color 3C4000 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

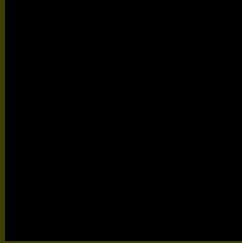
Any Text WCAG AA × Fail

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 3C4000 Background



This preview shows how black text looks on a background with the Hex color 3C4000.



This preview shows how white text looks on a background with the Hex color 3C4000.

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
3C4000

Protanopia
453D00

Deuteranopia
4D3A0A



Tritanopia
413B40

Trichromacy



Original Color
3C4000

Protanomaly
423E00

Deuteranomaly
473C06

Tritanomaly
3F3D29

Monochromacy



Original Color
3C4000

Achromatopsia
383838

Achromatomaly
393B24

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C4000 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 #3C4000 looks like.

```
.text, #text, p{  
    color:#3C4000  
}
```

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 #3C4000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C4000
}
```

Border

The CSS property to change the border of an element to Hex 3C4000 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
#3C4000 }
```

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

```
.border{ border-color:#3C4000 }
```

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

Here you see how a box with a 4 pixel #3C4000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C4000; -webkit-box-shadow:4px 4px  
4px 4px #3C4000; box-shadow:4px 4px 4px  
4px #3C4000 }
```

Background

The CSS property to change the background color of an element to Hex 3C4000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C4000 }
```

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

```
.background{ background-color:#3C4000 }
```

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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