

Converting Colors

Hex(333D00)

Have a look what the booklet for
Hex(333D00) contains.

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Color

Hex(333D00)

Conversions

Conversions Part 1

Format	Color
Hex	333D00
RGB	51, 61, 0
RGB Percent	20%, 24%, 0%
CMY	0.8000, 0.7608, 1.0000
CMYK	0.16, 0.00, 1.00, 0.76
HSL	70°, 100%, 12%
HSV	70°, 100%, 24%
XYZ	3.0340, 4.0413, 0.6201
YIQ	51.0560, 13.6210, -21.0910

Conversions

Conversions Part 2

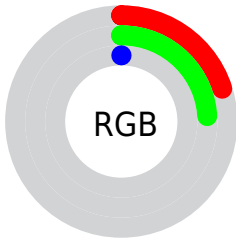
Format	Color
RYB	0, 61, 10
Decimal	3357952
CIELab	23.81, -12.97, 32.18
CIELCh	24, 34.695, 111.961
Yxy	4.0413, 0.3943, 0.5252
Android (android.graphics.Color)	4281548032 (0xFF333D00)
YUV	51.0560, -25.1706, -0.0491
Hunter-Lab	20.1030, -8.2406, 12.2431

Details

The Hex color **333D00** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0A003D**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **646C30**, and **001400** is the 20% darker color. If you saturate the color by 10%, you get **333D00**, and if you desaturate by 10%, it is **343D06**.

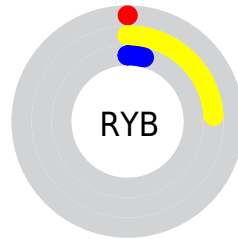
Distribution



Red (20%)

Green (24%)

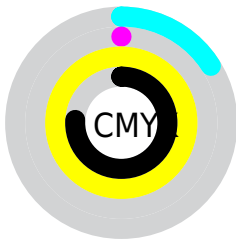
Blue (0%)



Red (0%)

Yellow (24%)

Blue (4%)

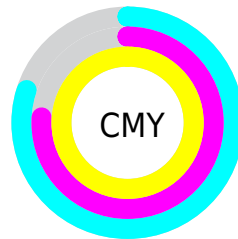


Cyan (16%)

Magenta (0%)

Yellow (100%)

Black (76%)



Cyan (80%)

Magenta (76%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 333D00 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 333D00 by changing the saturation by 10% instead.

 333D00

 333D00

 FFFFE7

 1C2700

 646C30

 001400

 7D8648

 000000

 98A060

 B3BB7A

 CFD694

 ECF3AF

 FFFFCA

 333D00

■ 343D06

■ 353D0C

■ 363D12

■ 373D18

■ 383D1F

■ 393D25

■ 3A3D2B

■ 3B3D31

■ 3C3D37

Harmonies

Analogous

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



4B3500



333D00



0F4216

Triad

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



333D00



004361



641F41

Complementary

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



333D00



0A003D

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.



512959



333D00



003E6C

Square

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



333D00



00454B



2A3569



672027

Rectangle

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



333D00



004428



2A3569



5F2149

Sweetspot

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



333D00



4B4F37



3D0900



26291A



A8A8A8



292929

Same Dimension

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



333D00



424F00



153D00



1E1F1C



4F5E00



B9DE00

Inverse Universe

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



0A003D



0D004F



28003D



1C1C1F



0F005E



2400DE

Previews

White Background



This preview shows how the Hex color 333D00 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

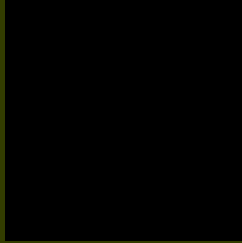
Any Text WCAG AA × Fail

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 333D00 Background



This preview shows how black text looks on a background with the Hex color 333D00.



This preview shows how white text looks on a background with the Hex color 333D00.

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](#).

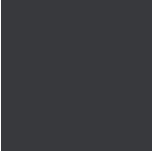
Dichromacy



Original Color
333D00

Protanopia
403900

Deuteranopia
48360B



Tritanopia
38393D

Trichromacy



Original Color
333D00

Protanomaly
3B3A00

Deuteranomaly
403907

Tritanomaly
363A27

Monochromacy



Original Color
333D00

Achromatopsia
333333

Achromatomaly
333720

CSS Examples

Text

The CSS property to change the color of the text to Hex 333D00 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 #333D00 looks like.

```
.text, #text, p{  
    color:#333D00  
}
```

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 #333D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #333D00
}
```

Border

The CSS property to change the border of an element to Hex 333D00 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
#333D00 }
```

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

```
.border{ border-color:#333D00 }
```

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

Here you see how a box with a 4 pixel #333D00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #333D00; -webkit-box-shadow:4px 4px  
4px 4px #333D00; box-shadow:4px 4px 4px  
4px #333D00 }
```

Background

The CSS property to change the background color of an element to Hex 333D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#333D00 }
```

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

```
.background{ background-color:#333D00 }
```

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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