

Converting Colors

Hex(333413)

Have a look what the booklet for
Hex(333413) contains.

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Color

Hex(333413)

Conversions

Conversions Part 1

Format	Color
Hex	333413
RGB	51, 52, 19
RGB Percent	20%, 20%, 7%
CMY	0.8000, 0.7961, 0.9255
CMYK	0.02, 0.00, 0.63, 0.80
HSL	62°, 46%, 14%
HSV	62°, 63%, 20%
XYZ	2.7108, 3.2068, 1.0922
YIQ	47.9390, 9.9970, -10.4750

Conversions

Conversions Part 2

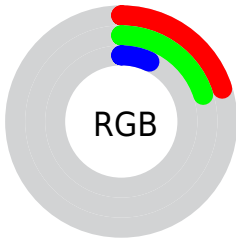
Format	Color
RYB	19, 52, 20
Decimal	3355667
CIELab	20.85, -6.09, 20.41
CIELCh	21, 21.297, 106.612
Yxy	3.2068, 0.3867, 0.4575
Android (android.graphics.Color)	4281545747 (0xFF333413)
YUV	47.9390, -14.2669, 2.6845
Hunter-Lab	17.9076, -4.3176, 8.9191

Details

The Hex color **333413** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **141334**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **63623F**, and **000600** is the 20% darker color. If you saturate the color by 10%, you get **33340E**, and if you desaturate by 10%, it is **333418**.

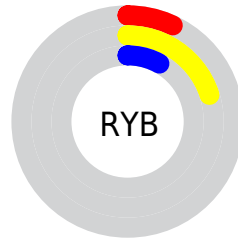
Distribution



Red (20%)

Green (20%)

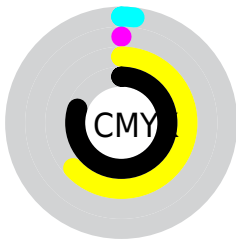
Blue (7%)



Red (7%)

Yellow (20%)

Blue (8%)

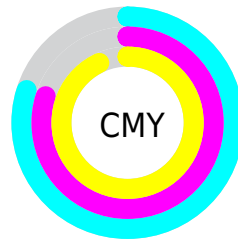


Cyan (2%)

Magenta (0%)

Yellow (63%)

Black (80%)



Cyan (80%)

Magenta (80%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 333413 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 333413 by changing the saturation by 10% instead.

 333413

 333413

 FFFFF6

 1F1F00

 63623F

 000600

 7C7B56

 000000

 96956F

 B1B088

 CCCBA3

 E9E7BE

 FFFFDA

 333413

 333413

■ 33340E

■ 333418

■ 333409

■ 33341D

■ 333403

■ 333423

■ 323400

■ 343428

■ 34342D

■ 343432

■ 343437

■ 34343D

■ 343442

Harmonies

Analogous

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



412F13



333413



21381C

Triad

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



333413



003948



4C263A

Complementary

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



333413



141334

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.



3E2B48



333413



003650

Square

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



333413



003A3B



283150



50252A

Rectangle

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



333413



123925



283150



48273F

Sweetspot

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



333413



444538



341413



23241B



A3A3A3



242424

Same Dimension

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



333413



434511



233413



191A17



575900



D2D900

Inverse Universe

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



141334



121145



241334



17171A



030059



0700D9

Previews

White Background



This preview shows how the Hex color 333413 looks on a white background.

Color Contrast Check

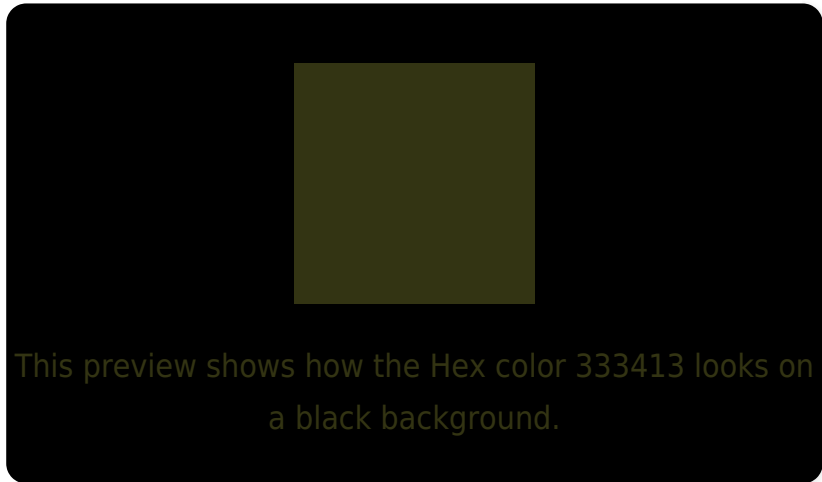
Large Text (above 18pt) WCAG AA ✓ Pass

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

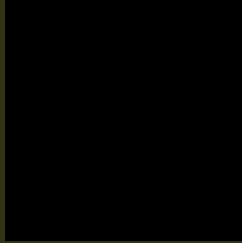
Any Text WCAG AA × Fail

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 333413 Background



This preview shows how black text looks on a background with the Hex color 333413.

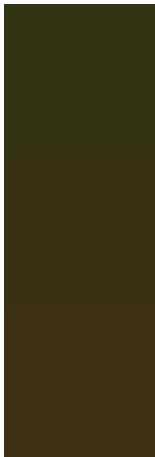


This preview shows how white text looks on a background with the Hex color 333413.

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
333413

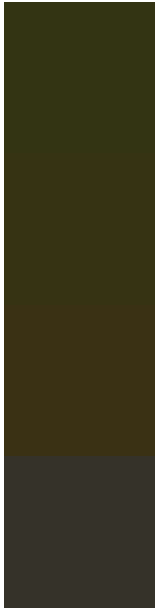
Protanopia
383213

Deuteranopia
3E3014



Tritanopia
363135

Trichromacy



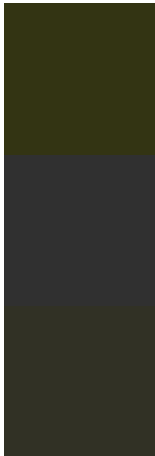
Original Color
333413

Protanomaly
363313

Deuteranomaly
3A3114

Tritanomaly
353229

Monochromacy



Original Color
333413

Achromatopsia
303030

Achromatomaly
313125

CSS Examples

Text

The CSS property to change the color of the text to Hex 333413 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 #333413 looks like.

```
.text, #text, p{  
    color:#333413  
}
```

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 #333413 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #333413
}
```

Border

The CSS property to change the border of an element to Hex 333413 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".

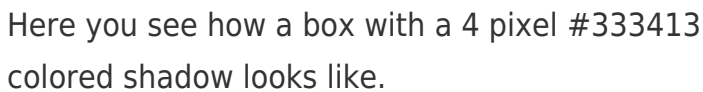
```
.border, #border, table{ border:4px solid
#333413 }
```

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

```
.border{ border-color:#333413 }
```

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

Here you see how a box with a 4 pixel #333413 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #333413; -webkit-box-shadow:4px 4px  
4px 4px #333413; box-shadow:4px 4px 4px  
4px #333413 }
```

Background

The CSS property to change the background color of an element to Hex 333413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#333413 }
```

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

```
.background{ background-color:#333413 }
```

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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