

Converting Colors

Hex(333523)

Have a look what the booklet for
Hex(333523) contains.

Hex(333523)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(333523)

Conversions

Conversions Part 1

Format	Color
Hex	333523
RGB	51, 53, 35
RGB Percent	20%, 21%, 14%
CMY	0.8000, 0.7922, 0.8627
CMYK	0.04, 0.00, 0.34, 0.79
HSL	67°, 20%, 17%
HSV	67°, 34%, 21%
XYZ	2.9417, 3.3714, 2.0858
YIQ	50.3500, 4.5860, -6.0220

Conversions

Conversions Part 2

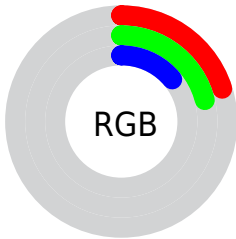
Format	Color
R_YB	35, 53, 37
Decimal	3355939
CIE Lab	21.47, -4.54, 11.10
CIE LCh	21, 11.989, 112.252
Yxy	3.3714, 0.3503, 0.4014
Android (android.graphics.Color)	4281546019 (0xFF333523)
YUV	50.3500, -7.5676, 0.5700
Hunter-Lab	18.3613, -3.5342, 6.1177

Details

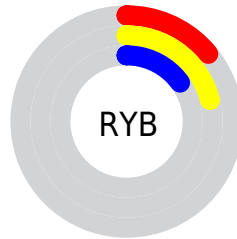
The Hex color **333523** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **252335**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **626350**, and **000900** is the 20% darker color. If you saturate the color by 10%, you get **32351E**, and if you desaturate by 10%, it is **343528**.

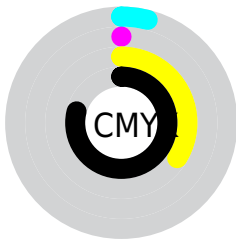
Distribution



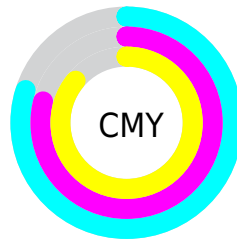
- Red (20%)
- Green (21%)
- Blue (14%)



- Red (14%)
- Yellow (21%)
- Blue (15%)



- Cyan (4%)
- Magenta (0%)
- Yellow (34%)
- Black (79%)



- Cyan (80%)
- Magenta (79%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 333523 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 333523 by changing the saturation by 10% instead.

■ 333523

■ 333523

FFFFFF

■ 1E200E

■ 626350

■ 000900

■ 7B7C68

■ 000000

■ 949681

■ AFB19B

■ CBCCB6

■ E7E8D1

■ FFFFEE

■ 333523

■ 333523

■ 32351E

■ 343528

■ 323518

■ 34352E

■ 313513

■ 353533

■ 31350E

■ 353538

■ 303508

■ 36353E

■ 2F3503

■ 373543

■ 2F3500

■ 373548

■ 38354D

■ 383553

Harmonies

Analogous

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



3C3222



333523



293728

Triad

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



333523



1B3741



432D36

Complementary

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



333523



252335

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.



3D2F3E



333523



253545

Square

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



333523



19383A



323244



452D2D

Rectangle

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



333523



22382E



323244



422E39

Sweetspot

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



333523



44453E



352523



23241F



A3A3A3



242424

Same Dimension

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



333523



424529



2A3523



191A17



4F5900



C1D900

Inverse Universe

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



252335



2C2945



2E2335



17171A



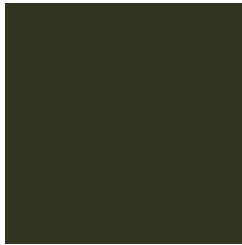
0A0059



1800D9

Previews

White Background



This preview shows how the Hex color 333523 looks on a white background.

Color Contrast Check

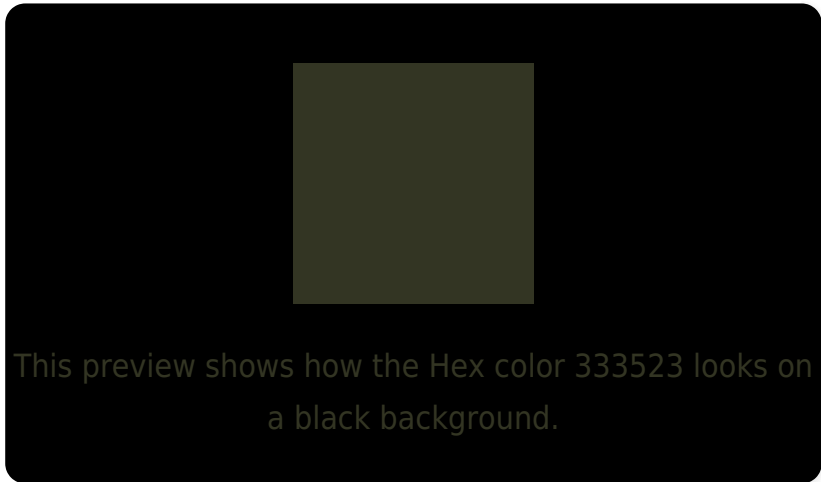
Large Text (above 18pt) WCAG AA ✓ Pass

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

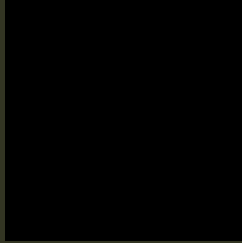
Any Text WCAG AA × Fail

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 333523 Background



This preview shows how black text looks on a background with the Hex color 333523.

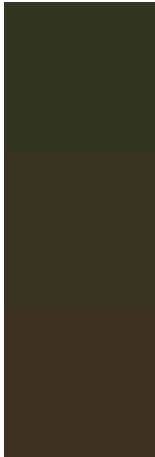


This preview shows how white text looks on a background with the Hex color 333523.

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
333523

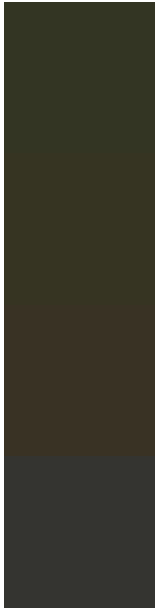
Protanopia
383322

Deuteranopia
3D3124



Tritanopia
353337

Trichromacy



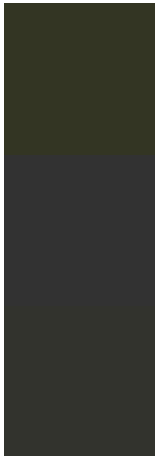
Original Color
333523

Protanomaly
363422

Deuteranomaly
393224

Tritanomaly
343430

Monochromacy



Original Color
333523

Achromatopsia
323232

Achromatomaly
32332D

CSS Examples

Text

The CSS property to change the color of the text to Hex 333523 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 #333523 looks like.

```
.text, #text, p{  
    color:#333523  
}
```

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 #333523 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #333523
}
```

Border

The CSS property to change the border of an element to Hex 333523 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
#333523 }
```

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

```
.border{ border-color:#333523 }
```

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

Here you see how a box with a 4 pixel #333523 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #333523; -webkit-box-shadow:4px 4px  
4px 4px #333523; box-shadow:4px 4px 4px  
4px #333523 }
```

Background

The CSS property to change the background color of an element to Hex 333523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#333523 }
```

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

```
.background{ background-color:#333523 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor