

Converting Colors

Hex(33993D)

Have a look what the booklet for
Hex(33993D) contains.

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Color

Hex(33993D)

Conversions

Conversions Part 1

Format	Color
Hex	33993D
RGB	51, 153, 61
RGB Percent	20%, 60%, 24%
CMY	0.8000, 0.4000, 0.7608
CMYK	0.67, 0.00, 0.60, 0.40
HSL	126°, 50%, 40%
HSV	126°, 67%, 60%
XYZ	13.5988, 23.8232, 8.2965
YIQ	112.0140, -31.2600, -50.2360

Conversions

Conversions Part 2

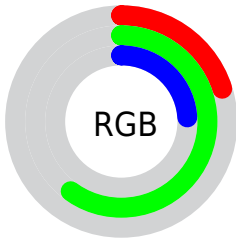
Format	Color
RYB	51, 144, 153
Decimal	3381565
CIELab	55.91, -48.45, 39.19
CIELCh	56, 62.316, 141.027
Yxy	23.8232, 0.2974, 0.5211
Android (android.graphics.Color)	4281571645 (0xFF33993D)
YUV	112.0140, -25.1499, -53.5093
Hunter-Lab	48.8090, -35.6835, 24.0883

Details

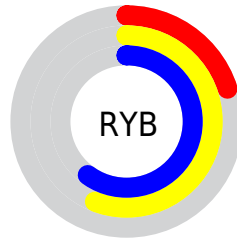
The Hex color **33993D** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **99338F**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **6ED06F**, and **006508** is the 20% darker color. If you saturate the color by 10%, you get **24992F**, and if you desaturate by 10%, it is **42994B**.

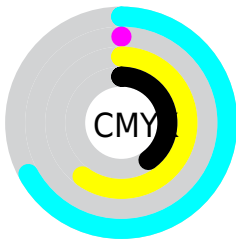
Distribution



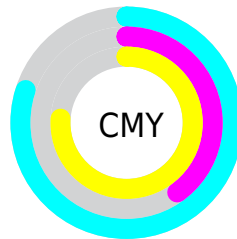
- Red (20%)
- Green (60%)
- Blue (24%)



- Red (20%)
- Yellow (56%)
- Blue (60%)



- Cyan (67%)
- Magenta (0%)
- Yellow (60%)
- Black (40%)



- Cyan (80%)
- Magenta (40%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33993D 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 33993D by changing the saturation by 10% instead.



33993D



33993D

FFFFFF



077E24



6ED06F



006508



8AED8A



004C00



A7FFA5



003400



C4FFC0



001D00



E1FFDC



000000



FFFFF9



33993D



33993D



24992F



42994B

■ 149921

■ 529959

■ 059914

■ 619966

■ 00990F

■ 709974

■ 809982

■ 8F9990

■ 9E999E

■ AD99AB

■ BD99B9

Harmonies

Analogous

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



7C8F08



33993D



009E73

Triad

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



33993D



0091F1



E65263

Complementary

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



33993D



99338F

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.



DF5199



33993D



647FEC

Square

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



33993D



009BD9



B766CB



D36732

Rectangle

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



33993D



009F99



B766CB



E74F74

Sweetspot

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



33993D



9FC7A3



919933



4C634E



E3E3E3



636363

Same Dimension

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



33993D



28C737



33996F



454D46



008C0E



000D01

Inverse Universe

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



99338F



C728B7



99335D



4D454C



8C007F



0D000C

Previews

White Background



This preview shows how the Hex color 33993D looks on a white background.

Color Contrast Check

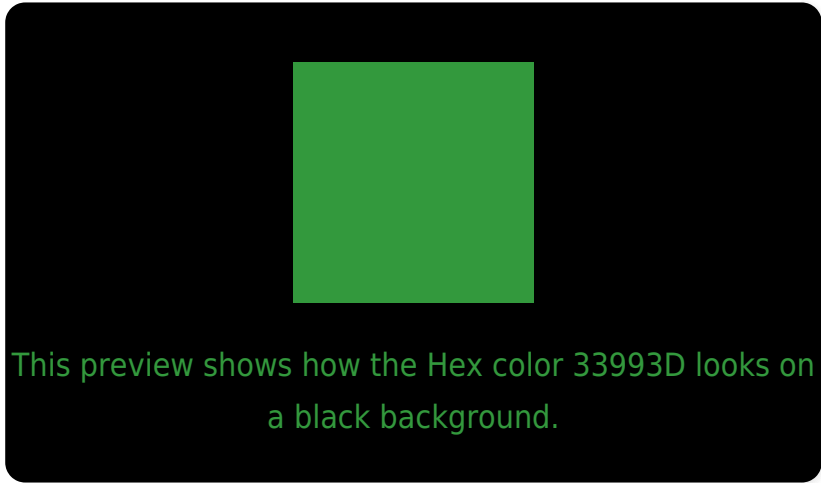
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

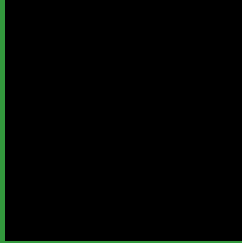
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 33993D Background



This preview shows how black text looks on a background with the Hex color 33993D.

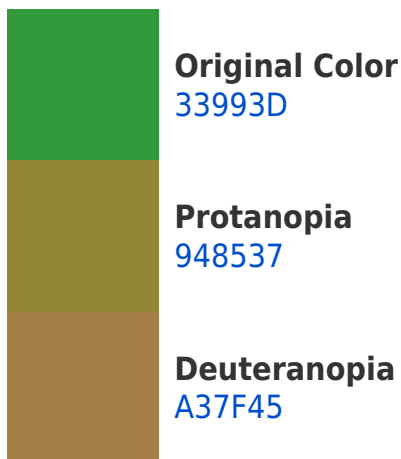


This preview shows how white text looks on a background with the Hex color 33993D.

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





Tritanopia
4D8F9B

Trichromacy



Original Color

33993D



Protanomaly

718C39



Deuteranomaly

7A8842



Tritanomaly

449379

Monochromacy



Original Color

33993D



Achromatopsia

707070



Achromatomaly

5A7F5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 33993D 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 #33993D looks like.

```
.text, #text, p{  
    color:#33993D  
}
```

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 #33993D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33993D
}
```

Border

The CSS property to change the border of an element to Hex 33993D 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
#33993D }
```

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

```
.border{ border-color:#33993D }
```

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

Here you see how a box with a 4 pixel #33993D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33993D; -webkit-box-shadow:4px 4px  
4px 4px #33993D; box-shadow:4px 4px 4px  
4px #33993D }
```

Background

The CSS property to change the background color of an element to Hex 33993D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33993D }
```

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

```
.background{ background-color:#33993D }
```

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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