

# Converting Colors

Hex(340E3D)

Have a look what the booklet for  
Hex(340E3D) contains.

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# Color

**Hex(340E3D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	340E3D
RGB	52, 14, 61
RGB Percent	20%, 5%, 24%
CMY	0.7961, 0.9451, 0.7608
CMYK	0.15, 0.77, 0.00, 0.76
HSL	289°, 63%, 15%
HSV	289°, 77%, 24%
XYZ	2.4155, 1.3811, 4.5541
YIQ	30.7200, 7.5610, 22.6730

# Conversions

## Conversions Part 2

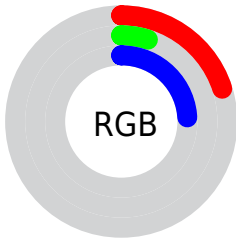
<b>Format</b>	<b>Color</b>
<b>RYB</b>	52, 14, 61
Decimal	3411517
CIELab	11.83, 27.04, -21.44
CIELCh	12, 34.510, 321.591
Yxy	1.3811, 0.2893, 0.1654
Android (android.graphics.Color)	4281601597 (0xFF340E3D)
YUV	30.7200, 14.9280, 18.6626
Hunter-Lab	11.7519, 16.1237, -14.7500

# Details

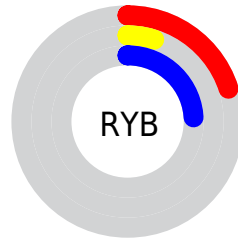
The Hex color **340E3D** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **173D0E**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **643B6D**, and **000111** is the 20% darker color. If you saturate the color by 10%, you get **33083D**, and if you desaturate by 10%, it is **35143D**.

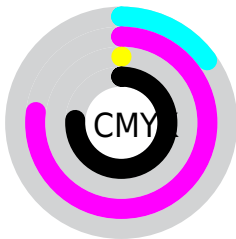
# Distribution



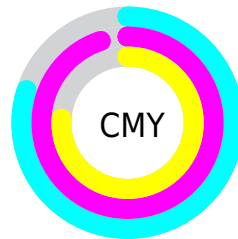
- Red (20%)
- Green (5%)
- Blue (24%)



- Red (20%)
- Yellow (5%)
- Blue (24%)



- Cyan (15%)
- Magenta (77%)
- Yellow (0%)
- Black (76%)



- Cyan (80%)
- Magenta (95%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 340E3D 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 340E3D by changing the saturation by 10% instead.



 340E3D

 340E3D

 FFF4FF

 210027

 643B6D

 000111

 7E5386

 000000

 986CA1

 B486BC

 CFA0D7

 ECBBF4

 FFD7FF

 340E3D

 340E3D

■ 33083D

■ 35143D

■ 32023D

■ 361A3D

■ 31003D

■ 38203D

■ 39263D

■ 3A2D3D

■ 3B333D

■ 3C393D

■ 3D3F3D

■ 3F453D

# Harmonies

## Analogous

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



051C4C



340E3D



450027

# Triad

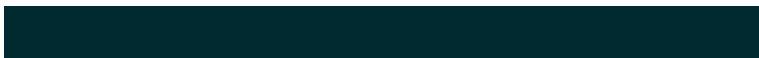
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



340E3D



2E1C00



002A30

# Complementary

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



340E3D



173D0E

# 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.



002917



340E3D



182300

# Square

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



340E3D



3E1000



002700



002844

# Rectangle

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



340E3D



470017



002700



002A28



# Sweetspot

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



340E3D



4C3D4F



0E173D



271D29



A8A8A8



292929



# Same Dimension

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



340E3D



41064F



3D0E2F



1E1C1F



4C005E



B300DE



# Inverse Universe

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



3D0E17



4F0614



0E3D1C



1F1C1C



5E0012

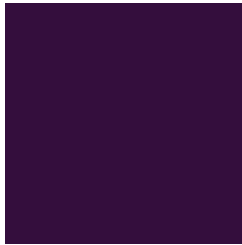


DE002A



# Previews

## White Background



This preview shows how the Hex color 340E3D looks on a white background.

## Color Contrast Check

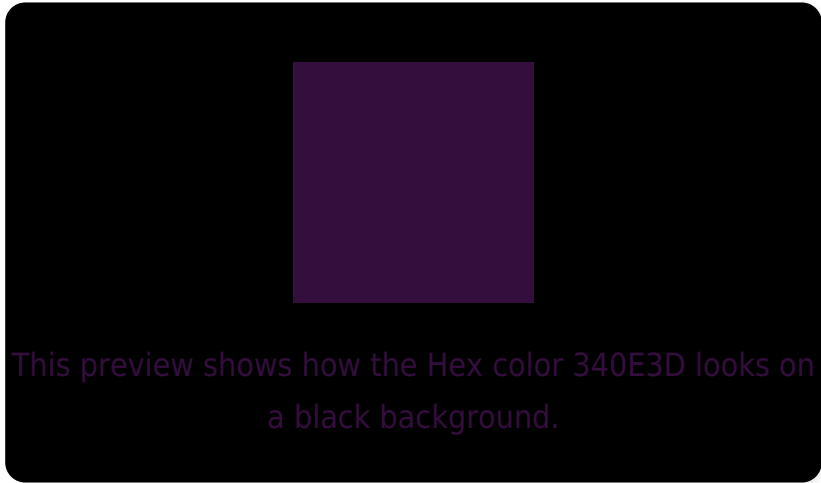
Large Text (above 18pt) WCAG AA ✓ Pass

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

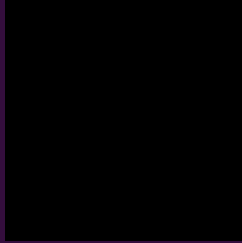
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 340E3D Background



This preview shows how black text looks on a background with the Hex color 340E3D.



This preview shows how white text looks on a background with the Hex color 340E3D.

# 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**  
340E3D

**Protanopia**  
002043

**Deuteranopia**  
0B213A



**Tritanopia**  
301B1C

# Trichromacy



**Original Color**  
340E3D

**Protanomaly**  
131941

**Deuteranomaly**  
1A1A3B

**Tritanomaly**  
311628

# Monochromacy



**Original Color**  
340E3D

**Achromatopsia**  
1F1F1F

**Achromatomaly**  
27192A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 340E3D 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 #340E3D looks like.

```
.text, #text, p{  
    color:#340E3D  
}
```

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 #340E3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #340E3D
}
```

## Border

The CSS property to change the border of an element to Hex 340E3D 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
#340E3D }
```

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

```
.border{ border-color:#340E3D }
```

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

Here you see how a box with a 4 pixel #340E3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #340E3D; -webkit-box-shadow:4px 4px  
4px 4px #340E3D; box-shadow:4px 4px 4px  
4px #340E3D }
```

# Background

The CSS property to change the background color of an element to Hex 340E3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#340E3D }
```

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

```
.background{ background-color:#340E3D }
```

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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