

# Converting Colors

Hex(40340F)

Have a look what the booklet for  
Hex(40340F) contains.

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**Color**

**Hex(40340F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	40340F
RGB	64, 52, 15
RGB Percent	25%, 20%, 6%
CMY	0.7490, 0.7961, 0.9412
CMYK	0.00, 0.19, 0.77, 0.75
HSL	45°, 62%, 15%
HSV	45°, 77%, 25%
XYZ	3.4286, 3.5805, 0.9623
YIQ	51.3700, 19.0290, -8.9630

# Conversions

## Conversions Part 2

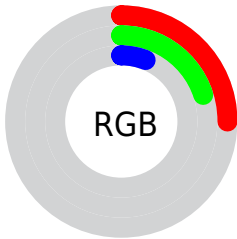
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	31, 64, 15
Decimal	4207631
CIE Lab	22.23, 0.41, 24.57
CIE LCh	22, 24.571, 89.045
Yxy	3.5805, 0.4301, 0.4492
Android (android.graphics.Color)	4282397711 (0xFF40340F)
YUV	51.3700, -17.9304, 11.0765
Hunter-Lab	18.9221, -0.7706, 10.2301

# Details

The Hex color **40340F** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0F1B40**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **72623B**, and **0D0700** is the 20% darker color. If you saturate the color by 10%, you get **403209**, and if you desaturate by 10%, it is **403615**.

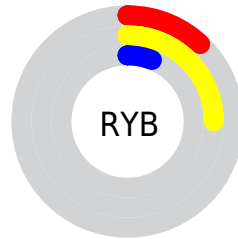
# Distribution



Red (25%)

Green (20%)

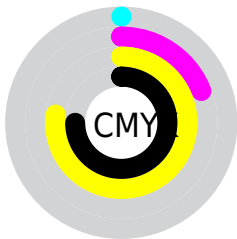
Blue (6%)



Red (12%)

Yellow (25%)

Blue (6%)

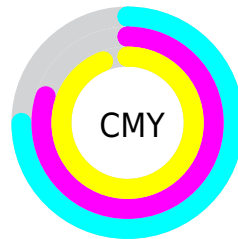


Cyan (0%)

Magenta (19%)

Yellow (77%)

Black (75%)



Cyan (75%)

Magenta (80%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 40340F 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 40340F by changing the saturation by 10% instead.



 40340F

 40340F

 FFFFF2

 2A1F00

 72623B

 0D0700

 8C7B52

 000000

 A7956B

 C2AF84

 DF0B9F

 FCE7BA

 FFFFD6

 40340F

 40340F

■ 403209

■ 403615

■ 403102

■ 40371C

■ 403000

■ 403922

■ 403A29

■ 403C2F

■ 403D35

■ 403F3C

■ 404142

■ 404249

# Harmonies

## Analogous

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



4E2D16



40340F



2E3914

# Triad

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



40340F



003E46



4B2948

# Complementary

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



40340F



0F1B40

# 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.



353155



40340F



003C54

# Square

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



40340F



003E34



0D375A



562537

# Rectangle

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



40340F



1F3C1C



0D375A



452C4D



# Sweetspot

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



40340F



544F41



400F1B



2B281F



ABABAB



2B2B2B



# Same Dimension

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



40340F



544107



34400F



21201E



614900



E0A900



# Inverse Universe

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



0F1B40



071A54



1B0F40



1E1F21



001861

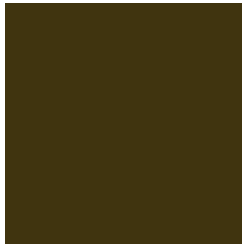


0037E0



# Previews

## White Background



This preview shows how the Hex color 40340F looks on a white background.

## Color Contrast Check

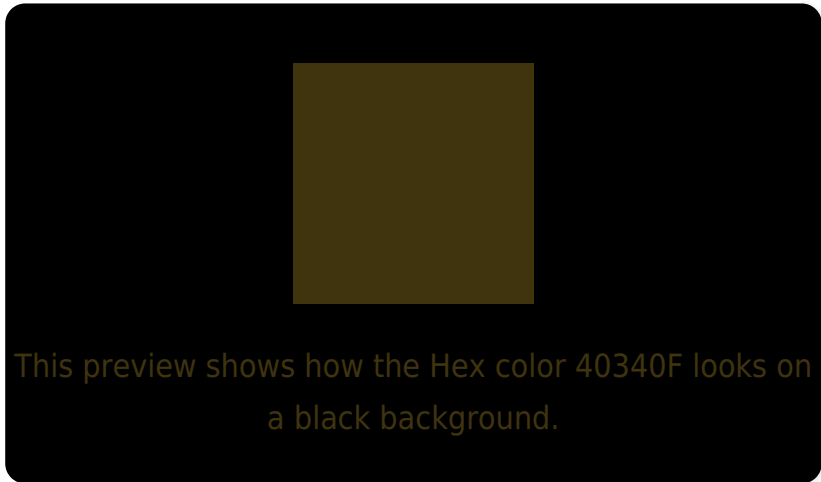
Large Text (above 18pt) WCAG AA ✓ Pass

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

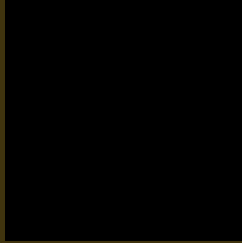
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 40340F Background



This preview shows how black text looks on a background with the Hex color 40340F.

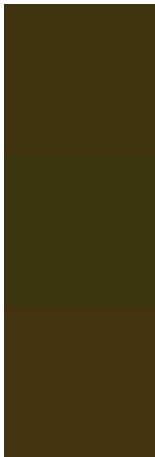


This preview shows how white text looks on a background with the Hex color 40340F.

# 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](#).

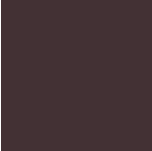
## Dichromacy



**Original Color**  
40340F

**Protanopia**  
3C360F

**Deuteranopia**  
433310



**Tritanopia**  
433134

# Trichromacy



**Original Color**  
40340F

**Protanomaly**  
3D350F

**Deuteranomaly**  
423310

**Tritanomaly**  
423227

# Monochromacy



**Original Color**  
40340F

**Achromatopsia**  
333333

**Achromatomaly**  
383326

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 40340F 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 #40340F looks like.

```
.text, #text, p{  
    color:#40340F  
}
```

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 #40340F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40340F
}
```

## Border

The CSS property to change the border of an element to Hex 40340F is called "border". The border property can be set on classes, ids or directly on the HTML element.

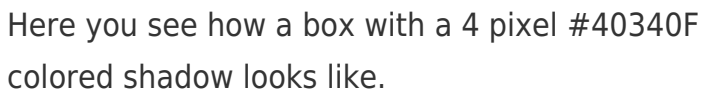
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#40340F }
```

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

```
.border{ border-color:#40340F }
```

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



Here you see how a box with a 4 pixel #40340F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40340F; -webkit-box-shadow:4px 4px  
4px 4px #40340F; box-shadow:4px 4px 4px  
4px #40340F }
```

# Background

The CSS property to change the background color of an element to Hex 40340F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40340F }
```

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

```
.background{ background-color:#40340F }
```

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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