

Converting Colors

Hex(40310F)

Have a look what the booklet for
Hex(40310F) contains.

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Color

Hex(40310F)

Conversions

Conversions Part 1

Format	Color
Hex	40310F
RGB	64, 49, 15
RGB Percent	25%, 19%, 6%
CMY	0.7490, 0.8078, 0.9412
CMYK	0.00, 0.23, 0.77, 0.75
HSL	42°, 62%, 15%
HSV	42°, 77%, 25%
XYZ	3.2989, 3.3211, 0.9191
YIQ	49.6090, 19.8540, -7.3940

Conversions

Conversions Part 2

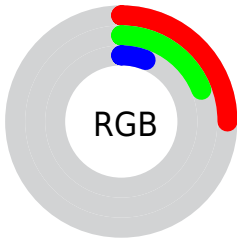
Format	Color
RYB	37, 64, 15
Decimal	4206863
CIELab	21.29, 2.38, 23.55
CIELCh	21, 23.674, 84.232
Yxy	3.3211, 0.4376, 0.4405
Android (android.graphics.Color)	4282396943 (0xFF40310F)
YUV	49.6090, -17.0622, 12.6209
Hunter-Lab	18.2239, 0.4202, 9.7665

Details

The Hex color **40310F** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0F1E40**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **725F3B**, and **0D0300** is the 20% darker color. If you saturate the color by 10%, you get **402F09**, and if you desaturate by 10%, it is **403315**.

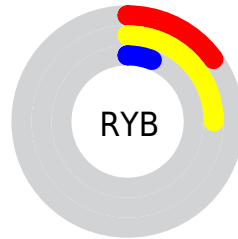
Distribution



Red (25%)

Green (19%)

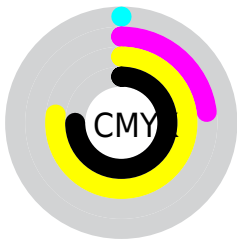
Blue (6%)



Red (15%)

Yellow (25%)

Blue (6%)

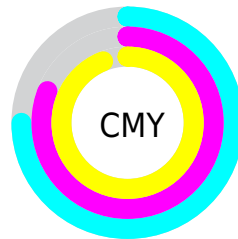


Cyan (0%)

Magenta (23%)

Yellow (77%)

Black (75%)



Cyan (75%)

Magenta (81%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40310F 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 40310F by changing the saturation by 10% instead.



40310F



40310F



FFFFFF1



291C00



725F3B



0D0300



8C7852



000000



A7916A



C3AC84



DFC79E



FCE3B9



FFFFD5



40310F



40310F

■ 402F09

■ 403315

■ 402D02

■ 40351C

■ 402C00

■ 403722

■ 403929

■ 403B2F

■ 403D35

■ 403F3C

■ 404142

■ 404349

Harmonies

Analogous

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



4D2A17



40310F



2F3612

Triad

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



40310F



003C41



452948

Complementary

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



40310F



0F1E40

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.



2F3053



40310F



003A4F

Square

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



40310F



003C2F



033656



512437

Rectangle

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



40310F



223919



033656



3F2B4C

Sweetspot

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



40310F



544E41



400F1F



2B281F



ABABAB



2B2B2B

Same Dimension

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



40310F



543C07



37400F



21201E



614300



E09C00

Inverse Universe

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



0F1E40



071E54



180F40



1E1F21



001E61



0045E0

Previews

White Background



This preview shows how the Hex color 40310F looks on a white background.

Color Contrast Check

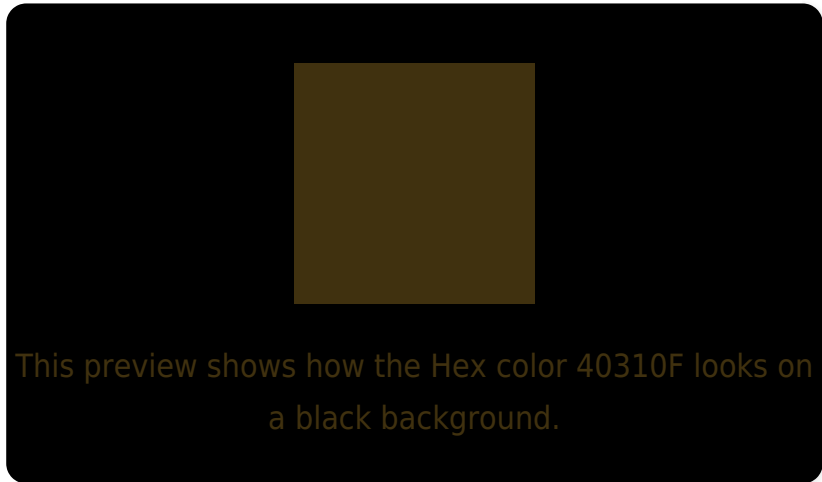
Large Text (above 18pt) WCAG AA ✓ Pass

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

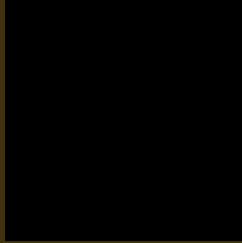
Any Text WCAG AA × Fail

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 40310F Background



This preview shows how black text looks on a background with the Hex color 40310F.

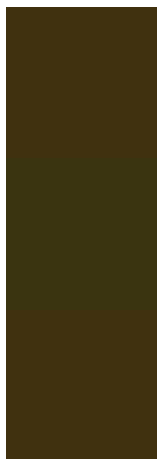


This preview shows how white text looks on a background with the Hex color 40310F.

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
40310F

Protanopia
3A3410

Deuteranopia
40310F



Tritanopia
422E31

Trichromacy



Original Color
40310F

Protanomaly
3C3310

Deuteranomaly
40310F

Tritanomaly
412F25

Monochromacy



Original Color
40310F

Achromatopsia
323232

Achromatomaly
373225

CSS Examples

Text

The CSS property to change the color of the text to Hex 40310F 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 #40310F looks like.

```
.text, #text, p{  
    color:#40310F  
}
```

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 #40310F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40310F
}
```

Border

The CSS property to change the border of an element to Hex 40310F is called "border". The border property can be set on classes, ids or directly on the HTML element.

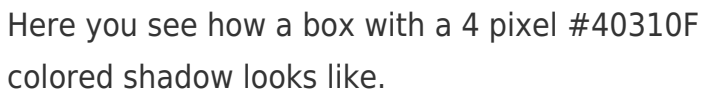
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#40310F }
```

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

```
.border{ border-color:#40310F }
```

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



Here you see how a box with a 4 pixel #40310F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40310F; -webkit-box-shadow:4px 4px  
4px 4px #40310F; box-shadow:4px 4px 4px  
4px #40310F }
```

Background

The CSS property to change the background color of an element to Hex 40310F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40310F }
```

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

```
.background{ background-color:#40310F }
```

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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