

Converting Colors

Hex(300F0F)

Have a look what the booklet for
Hex(300F0F) contains.

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Color

Hex(300F0F)

Conversions

Conversions Part 1

Format	Color
Hex	300F0F
RGB	48, 15, 15
RGB Percent	19%, 6%, 6%
CMY	0.8118, 0.9412, 0.9412
CMYK	0.00, 0.69, 0.69, 0.81
HSL	0°, 52%, 12%
HSV	0°, 69%, 19%
XYZ	1.4760, 1.0045, 0.5680
YIQ	24.8670, 19.6680, 6.9960

Conversions

Conversions Part 2

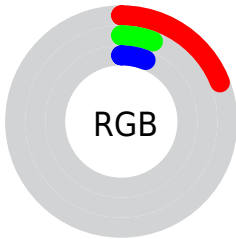
Format	Color
R_{YB}	48, 15, 15
Decimal	3149583
CIE Lab	9.03, 16.86, 7.44
CIE LCh	9, 18.429, 23.818
Yxy	1.0045, 0.4842, 0.3295
Android (android.graphics.Color)	4281339663 (0xFF300F0F)
YUV	24.8670, -4.8644, 20.2876
Hunter-Lab	10.0226, 8.7473, 3.6555

Details

The Hex color **300F0F** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0F3030**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **603A3A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **300A0A**, and if you desaturate by 10%, it is **301414**.

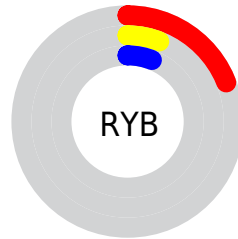
Distribution



 Red (19%)

 Green (6%)

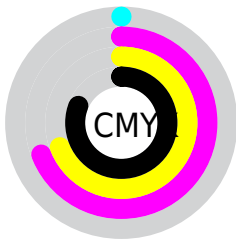
 Blue (6%)



 Red (19%)

 Yellow (6%)

 Blue (6%)

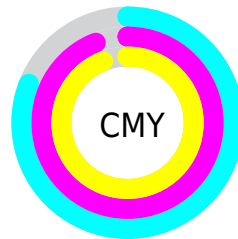


 Cyan (0%)

 Magenta (69%)

 Yellow (69%)

 Black (81%)



 Cyan (81%)

 Magenta (94%)

 Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 300F0F 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 300F0F by changing the saturation by 10% instead.

 300F0F

 300F0F

 FFF1EE

 1A0001

 603A3A

 000000

 7A5151

 946A69

 B08382

 CB9D9C

 E8B8B7

 FFD4D2

 300F0F

 300F0F

■ 300A0A

■ 301414

■ 300505

■ 301919

■ 300101

■ 301D1D

■ 300000

■ 302222

■ 302727

■ 302C2C

■ 303131

■ 303535

■ 303A3A

Harmonies

Analogous

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



2E0E1D



300F0F



2C1300

Triad

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



300F0F



061E06



001C32

Complementary

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



300F0F



0F3030

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.



001E2D



300F0F



002016

Square

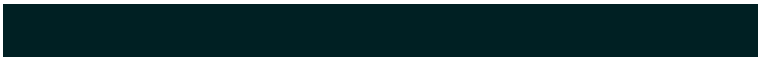
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



300F0F



191C00



002023



151730

Rectangle

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



300F0F



271600



002023



001D31

Sweetspot

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



300F0F



3D3030



300F30



1F1717



9E9E9E



1F1F1F

Same Dimension

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



300F0F



3D0A0A



30200F



171515



570000



D60000

Inverse Universe

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



0F3030



0A3D3D



0F2030



151717



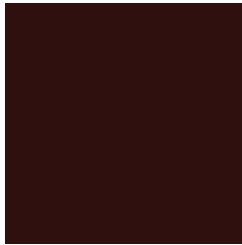
005757



00D6D6

Previews

White Background



This preview shows how the Hex color 300F0F looks on a white background.

Color Contrast Check

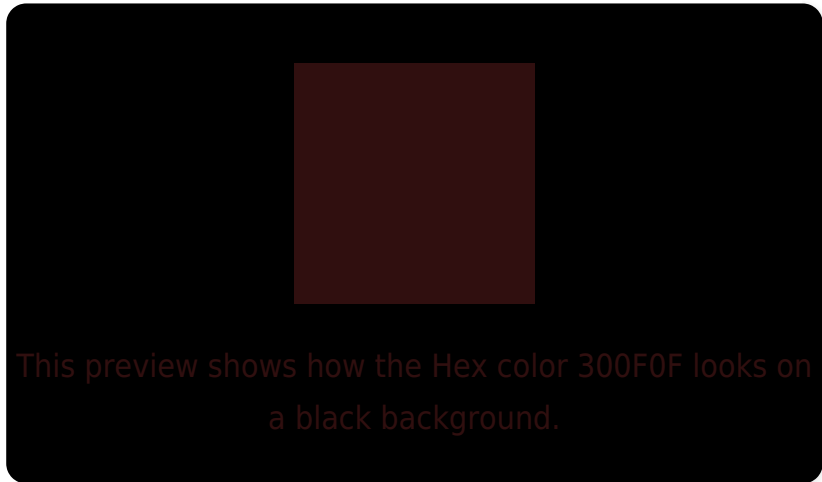
Large Text (above 18pt) WCAG AA ✓ Pass

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

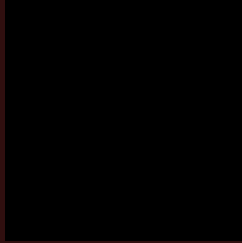
Any Text WCAG AA × Fail

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 300F0F Background



This preview shows how black text looks on a background with the Hex color 300F0F.



This preview shows how white text looks on a background with the Hex color 300F0F.

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](#).

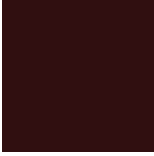
Dichromacy



Original Color
300F0F

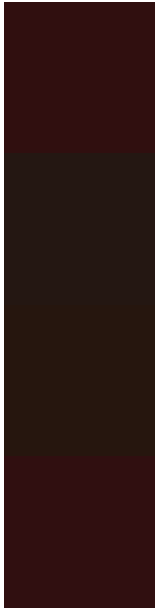
Protanopia
1D1B13

Deuteranopia
211A0D



Tritanopia
300F10

Trichromacy



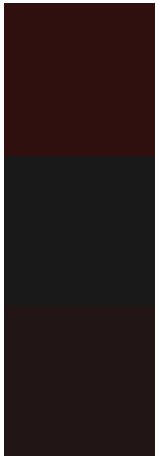
Original Color
300F0F

Protanomaly
241712

Deuteranomaly
26160E

Tritanomaly
300F10

Monochromacy



Original Color
300F0F

Achromatopsia
191919

Achromatomaly
211515

CSS Examples

Text

The CSS property to change the color of the text to Hex 300F0F 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 #300F0F looks like.

```
.text, #text, p{  
    color:#300F0F  
}
```

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 #300F0F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #300F0F
}
```

Border

The CSS property to change the border of an element to Hex 300F0F is called "border". The border property can be set on classes, ids or directly on the HTML element.

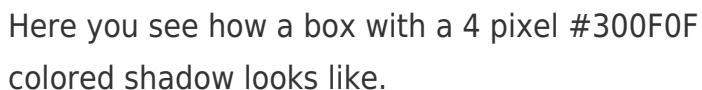
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#300F0F }
```

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

```
.border{ border-color:#300F0F }
```

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



Here you see how a box with a 4 pixel `#300F0F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #300F0F; -webkit-box-shadow:4px 4px  
4px 4px #300F0F; box-shadow:4px 4px 4px  
4px #300F0F }
```

Background

The CSS property to change the background color of an element to Hex 300F0F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#300F0F }
```

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

```
.background{ background-color:#300F0F }
```

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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