

Converting Colors

Hex(3D2F12)

Have a look what the booklet for
Hex(3D2F12) contains.

Hex(3D2F12)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3D2F12)

Conversions

Conversions Part 1

Format	Color
Hex	3D2F12
RGB	61, 47, 18
RGB Percent	24%, 18%, 7%
CMY	0.7608, 0.8157, 0.9294
CMYK	0.00, 0.23, 0.70, 0.76
HSL	40°, 54%, 15%
HSV	40°, 70%, 24%
XYZ	3.0502, 3.0688, 1.0038
YIQ	47.8800, 17.6530, -6.0510

Conversions

Conversions Part 2

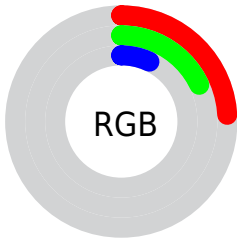
Format	Color
RYB	39, 61, 18
Decimal	4009746
CIELab	20.32, 2.35, 20.68
CIELCh	20, 20.812, 83.516
Yxy	3.0688, 0.4282, 0.4308
Android (android.graphics.Color)	4282199826 (0xFF3D2F12)
YUV	47.8800, -14.7308, 11.5062
Hunter-Lab	17.5180, 0.4232, 8.8651

Details

The Hex color **3D2F12** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **12203D**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **6E5D3D**, and **080000** is the 20% darker color. If you saturate the color by 10%, you get **3D2D0C**, and if you desaturate by 10%, it is **3D3118**.

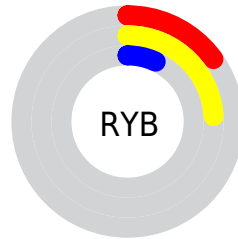
Distribution



Red (24%)

Green (18%)

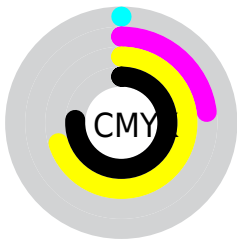
Blue (7%)



Red (15%)

Yellow (24%)

Blue (7%)

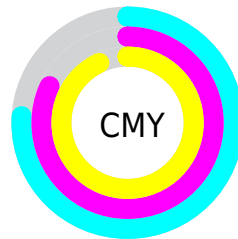


Cyan (0%)

Magenta (23%)

Yellow (70%)

Black (76%)



Cyan (76%)

Magenta (82%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D2F12 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 3D2F12 by changing the saturation by 10% instead.



3D2F12



3D2F12



FFFFFF4



271A00



6E5D3D



080000



887555



000000



A38F6D



BEA987



DBC4A1



F7E0BC



FFFDD8



3D2F12



3D2F12

■ 3D2D0C

■ 3D3118

■ 3D2B06

■ 3D331E

■ 3D2900

■ 3D3524

■ 3D372A

■ 3D3931

■ 3D3B37

■ 3D3D3D

■ 3D3F43

■ 3D4149

Harmonies

Analogous

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



482919



3D2F12



2E3414

Triad

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



3D2F12



00393D



412843

Complementary

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



3D2F12



12203D

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.



2D2E4D



3D2F12



003749

Square

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



3D2F12



00392D



0D344F



4C2535

Rectangle

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



3D2F12



23361A



0D344F



3B2A47

Sweetspot

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



3D2F12



4F4A3E



3D1220



29251F



A8A8A8



292929

Same Dimension

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



3D2F12



4F390C



363D12



1F1E1C



5E4000



DE9600

Inverse Universe

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



12203D



0C224F



19123D



1C1D1F



001F5E



0048DE

Previews

White Background



This preview shows how the Hex color 3D2F12 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

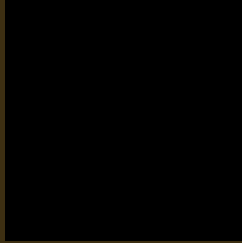
Any Text WCAG AA × Fail

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 3D2F12 Background



This preview shows how black text looks on a background with the Hex color 3D2F12.

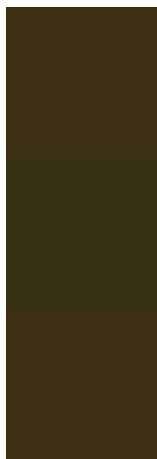


This preview shows how white text looks on a background with the Hex color 3D2F12.

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
3D2F12

Protanopia
373113

Deuteranopia
3D2F12



Tritanopia
3F2C2F

Trichromacy



Original Color
3D2F12

Protanomaly
393013

Deuteranomaly
3D2F12

Tritanomaly
3E2D24

Monochromacy



Original Color
3D2F12

Achromatopsia
303030

Achromatomaly
353025

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D2F12 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 #3D2F12 looks like.

```
.text, #text, p{  
    color:#3D2F12  
}
```

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 #3D2F12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D2F12
}
```

Border

The CSS property to change the border of an element to Hex 3D2F12 is called "border". The border property can be set on classes, ids or directly on the HTML element.

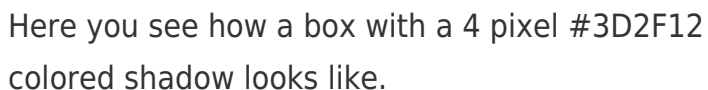
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D2F12 }
```

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

```
.border{ border-color:#3D2F12 }
```

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



Here you see how a box with a 4 pixel #3D2F12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D2F12; -webkit-box-shadow:4px 4px  
4px 4px #3D2F12; box-shadow:4px 4px 4px  
4px #3D2F12 }
```

Background

The CSS property to change the background color of an element to Hex 3D2F12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D2F12 }
```

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

```
.background{ background-color:#3D2F12 }
```

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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