

Converting Colors

Hex(0F3728)

Have a look what the booklet for
Hex(0F3728) contains.

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Color

Hex(0F3728)

Conversions

Conversions Part 1

Format	Color
Hex	0F3728
RGB	15, 55, 40
RGB Percent	6%, 22%, 16%
CMY	0.9412, 0.7843, 0.8431
CMYK	0.73, 0.00, 0.27, 0.78
HSL	158°, 57%, 14%
HSV	158°, 73%, 22%
XYZ	1.9462, 2.9871, 2.4815
YIQ	41.3300, -19.0250, -13.1450

Conversions

Conversions Part 2

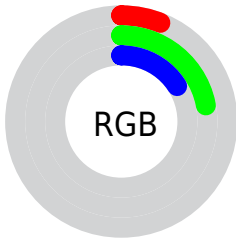
Format	Color
RYB	15, 40, 55
Decimal	997160
CIELab	19.99, -18.35, 5.35
CIELCh	20, 19.114, 163.741
Yxy	2.9871, 0.2625, 0.4029
Android (android.graphics.Color)	4279187240 (0xFF0F3728)
YUV	41.3300, -0.6557, -23.0914
Hunter-Lab	17.2833, -10.1458, 3.5857

Details

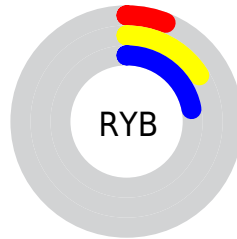
The Hex color **0F3728** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **370F1E**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **3E6655**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0A3726**, and if you desaturate by 10%, it is **15372A**.

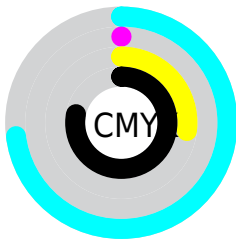
Distribution



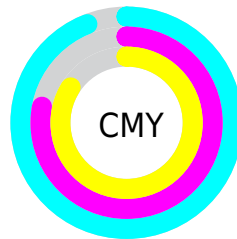
- Red (6%)
- Green (22%)
- Blue (16%)



- Red (6%)
- Yellow (16%)
- Blue (22%)



- Cyan (73%)
- Magenta (0%)
- Yellow (27%)
- Black (78%)



- Cyan (94%)
- Magenta (78%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F3728 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 0F3728 by changing the saturation by 10% instead.

■ 0F3728

■ 0F3728

■ F9FFFF

■ 002214

■ 3E6655

■ 000000

■ 577F6D

■ 709987

■ 8AB4A1

■ A4D0BC

■ C0ECD8

■ DCFFF4

■ 0F3728

■ 0F3728

■ 0A3726

■ 15372A

■ 043724

■ 1A372C

■ 003722

■ 20372E

■ 253730

■ 2B3732

■ 303734

■ 363736

■ 3B3739

■ 41373B

Harmonies

Analogous

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



23351B



0F3728



003836

Triad

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



0F3728



25304B



48281E

Complementary

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



0F3728



370F1E

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.



4B252A



0F3728



3A2A45

Square

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



0F3728



05344B



462638



3F2D15

Rectangle

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



0F3728



00373F



462638



4A2722

Sweetspot

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



0F3728



384742



1E370F



1A2420



A3A3A3



242424

Same Dimension

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



0F3728



094730



0F3237



191C1B



005C39



00DB89

Inverse Universe

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



370F1E



470921



37140F



1C191A



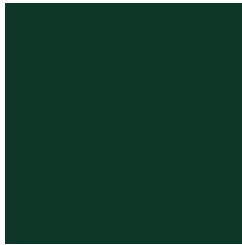
5C0022



DB0052

Previews

White Background



This preview shows how the Hex color 0F3728 looks on a white background.

Color Contrast Check

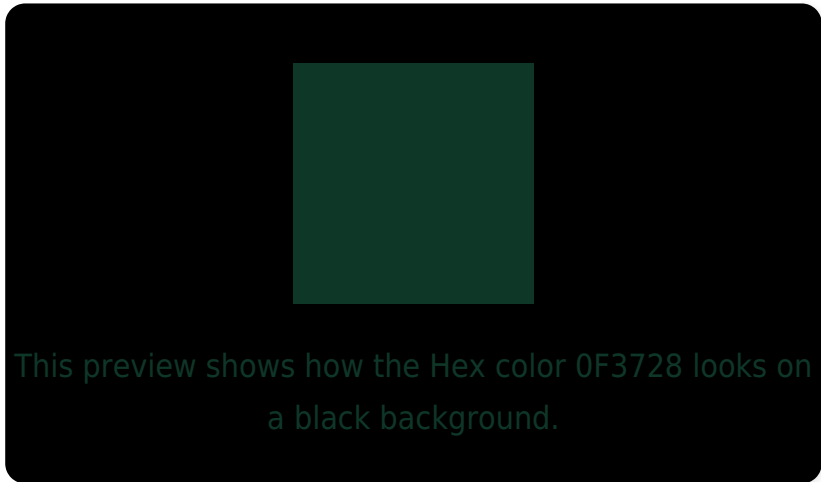
Large Text (above 18pt) WCAG AA ✓ Pass

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

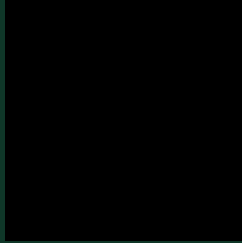
Any Text WCAG AA × Fail

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 0F3728 Background



This preview shows how black text looks on a background with the Hex color 0F3728.



This preview shows how white text looks on a background with the Hex color 0F3728.

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
0F3728

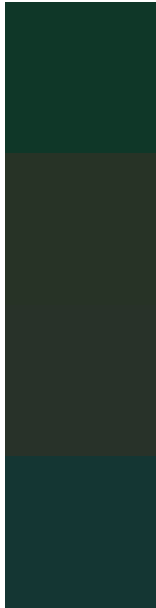
Protanopia
343025

Deuteranopia
372F2A



Tritanopia
173539

Trichromacy



Original Color
0F3728

Protanomaly
273326

Deuteranomaly
283229

Tritanomaly
143633

Monochromacy



Original Color
0F3728

Achromatopsia
292929

Achromatomaly
202E29

CSS Examples

Text

The CSS property to change the color of the text to Hex 0F3728 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 #0F3728 looks like.

```
.text, #text, p{  
    color:#0F3728  
}
```

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 #0F3728 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F3728
}
```

Border

The CSS property to change the border of an element to Hex 0F3728 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".

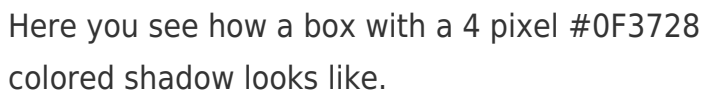
```
.border, #border, table{ border:4px solid
#0F3728 }
```

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

```
.border{ border-color:#0F3728 }
```

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

Here you see how a box with a 4 pixel #0F3728 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F3728; -webkit-box-shadow:4px 4px  
4px 4px #0F3728; box-shadow:4px 4px 4px  
4px #0F3728 }
```

Background

The CSS property to change the background color of an element to Hex 0F3728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F3728 }
```

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

```
.background{ background-color:#0F3728 }
```

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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