

Converting Colors

Hex(012F11)

Have a look what the booklet for
Hex(012F11) contains.

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Color

Hex(012F11)

Conversions

Conversions Part 1

Format	Color
Hex	012F11
RGB	1, 47, 17
RGB Percent	0%, 18%, 7%
CMY	0.9961, 0.8157, 0.9333
CMYK	0.98, 0.00, 0.64, 0.82
HSL	141°, 96%, 9%
HSV	141°, 98%, 18%
XYZ	1.1302, 2.0800, 0.8722
YIQ	29.8260, -17.7860, -19.0820

Conversions

Conversions Part 2

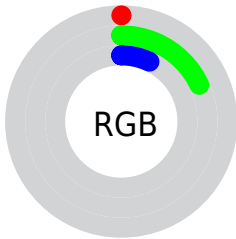
Format	Color
RYB	1, 35, 47
Decimal	77585
CIELab	15.90, -23.38, 14.94
CIELCh	16, 27.748, 147.422
Yxy	2.0800, 0.2769, 0.5095
Android (android.graphics.Color)	4278267665 (0xFF012F11)
YUV	29.8260, -6.3232, -25.2804
Hunter-Lab	14.4220, -11.2501, 6.5097

Details

The Hex color **012F11** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **2F011F**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **325E3C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **002F10**, and if you desaturate by 10%, it is **062F14**.

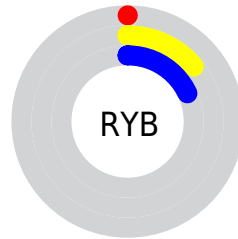
Distribution



Red (0%)

Green (18%)

Blue (7%)



Red (0%)

Yellow (14%)

Blue (18%)

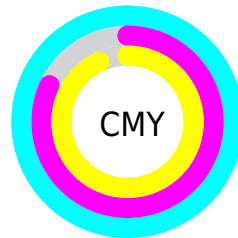


Cyan (98%)

Magenta (0%)

Yellow (64%)

Black (82%)



Cyan (100%)


Magenta (82%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 012F11 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 012F11 by changing the saturation by 10% instead.

 012F11

 012F11

 EBFFF2

 001C00

 325E3C

 000000

 4A7753

 63906B


 7DAB85

 97C79F

 B3E3BA

 CEFFD6

 012F11

 012F11

■ 002F10

■ 062F14

■ 0A2F17

■ 0F2F1A

■ 142F1D

■ 182F20

■ 1D2F23

■ 222F26

■ 272F2A

■ 2B2F2D

Harmonies

Analogous

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



212C00



012F11



003125

Triad

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



012F11



002A4F



4A1617

Complementary

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



012F11



2F011F

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.



49142A



012F11



24234B

Square

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



012F11



002F49



3E1A3D



421E01

Rectangle

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



012F11



003133



3E1A3D



4B141D

Sweetspot

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



012F11



2B3D32



202F01



141F18



9E9E9E



1F1F1F

Same Dimension

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



012F11



003D15



012F27



151715



00571E



00D64B

Inverse Universe

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



2F011F



3D0028



2F0109



171516



570039



D6008C

Previews

White Background



This preview shows how the Hex color 012F11 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

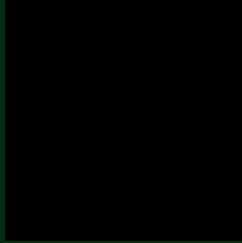
Any Text WCAG AA × Fail

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 012F11 Background



This preview shows how black text looks on a background with the Hex color 012F11.



This preview shows how white text looks on a background with the Hex color 012F11.

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
012F11

Protanopia
2D280F

Deuteranopia
322614



Tritanopia
132C30

Trichromacy



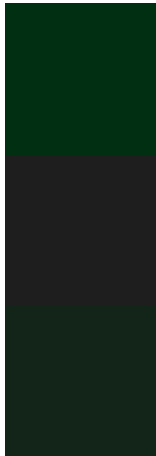
Original Color
012F11

Protanomaly
1D2B10

Deuteranomaly
202913

Tritanomaly
0C2D25

Monochromacy



Original Color
012F11

Achromatopsia
1E1E1E

Achromatomaly
132419

CSS Examples

Text

The CSS property to change the color of the text to Hex 012F11 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 #012F11 looks like.

```
.text, #text, p{  
    color:#012F11  
}
```

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 #012F11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #012F11
}
```

Border

The CSS property to change the border of an element to Hex 012F11 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
#012F11 }
```

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

```
.border{ border-color:#012F11 }
```

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

Here you see how a box with a 4 pixel #012F11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #012F11; -webkit-box-shadow:4px 4px  
4px 4px #012F11; box-shadow:4px 4px 4px  
4px #012F11 }
```

Background

The CSS property to change the background color of an element to Hex 012F11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#012F11 }
```

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

```
.background{ background-color:#012F11 }
```

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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