

Converting Colors

Hex(012A18)

Have a look what the booklet for
Hex(012A18) contains.

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Color

Hex(012A18)

Conversions

Conversions Part 1

Format	Color
Hex	012A18
RGB	1, 42, 24
RGB Percent	0%, 16%, 9%
CMY	0.9961, 0.8353, 0.9059
CMYK	0.98, 0.00, 0.43, 0.84
HSL	154°, 95%, 8%
HSV	154°, 98%, 16%
XYZ	1.0054, 1.7283, 1.1448
YIQ	27.6890, -18.6580, -14.2900

Conversions

Conversions Part 2

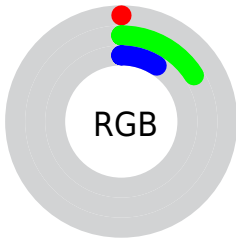
Format	Color
RYB	1, 27, 42
Decimal	76312
CIELab	13.99, -19.52, 7.90
CIELCh	14, 21.054, 157.976
Yxy	1.7283, 0.2592, 0.4456
Android (android.graphics.Color)	4278266392 (0xFF012A18)
YUV	27.6890, -1.8187, -23.4063
Hunter-Lab	13.1466, -9.3562, 4.0398

Details

The Hex color **012A18** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2A0113**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **305843**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **002A18**, and if you desaturate by 10%, it is **052A1A**.

Distribution



Red (0%)

Green (16%)

Blue (9%)



Red (0%)

Yellow (11%)

Blue (16%)

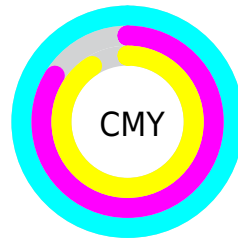


Cyan (98%)

Magenta (0%)

Yellow (43%)

Black (84%)



Cyan (100%)


Magenta (84%)


Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 012A18 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 012A18 by changing the saturation by 10% instead.

 012A18

 012A18

 E7FFFA

 001600

 305843

 000000

 48715A


 618A73


 7AA58C

 94C0A7

 AFDCC2

 CBF8DE

 012A18

 012A18

■ 002A18

■ 052A1A

■ 092A1C

■ 0E2A1E

■ 122A1F

■ 162A21

■ 1A2A23

■ 1E2A25

■ 232A27

■ 272A29

Harmonies

Analogous

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



192809



012A18



002B27

Triad

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



012A18



0E2441



3D1912

Complementary

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



012A18



2A0113

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.



3E1620



012A18



2A1E3B

Square

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



012A18



00283F



39182F



351F03

Rectangle

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



012A18



002B31



39182F



3E1817

Sweetspot

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



012A18



26362F



132A01



121C18



9C9C9C



1C1C1C

Same Dimension

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



012A18



00361E



01282A



121414



00542F



00D477

Inverse Universe

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



2A0113



360018



2A0301



141213



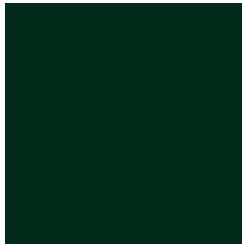
540025



D4005D

Previews

White Background



This preview shows how the Hex color 012A18 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

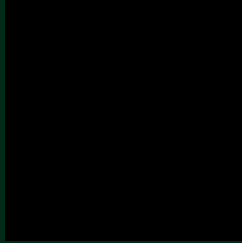
Any Text WCAG AA × Fail

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 012A18 Background



This preview shows how black text looks on a background with the Hex color 012A18.



This preview shows how white text looks on a background with the Hex color 012A18.

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
012A18

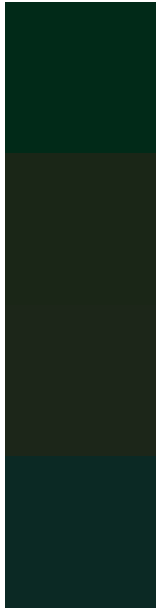
Protanopia
282416

Deuteranopia
2B231A



Tritanopia
10282B

Trichromacy



Original Color
012A18

Protanomaly
1A2617

Deuteranomaly
1C2619

Tritanomaly
0B2924

Monochromacy



Original Color
012A18

Achromatopsia
1C1C1C

Achromatomaly
12211B

CSS Examples

Text

The CSS property to change the color of the text to Hex 012A18 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 #012A18 looks like.

```
.text, #text, p{  
    color:#012A18  
}
```

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 #012A18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #012A18
}
```

Border

The CSS property to change the border of an element to Hex 012A18 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
#012A18 }
```

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

```
.border{ border-color:#012A18 }
```

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

Here you see how a box with a 4 pixel #012A18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #012A18; -webkit-box-shadow:4px 4px  
4px 4px #012A18; box-shadow:4px 4px 4px  
4px #012A18 }
```

Background

The CSS property to change the background color of an element to Hex 012A18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#012A18 }
```

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

```
.background{ background-color:#012A18 }
```

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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