

Converting Colors

Hex(012A1C)

Have a look what the booklet for
Hex(012A1C) contains.

Hex(012A1C)	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(012A1C)

Conversions

Conversions Part 1

Format	Color
Hex	012A1C
RGB	1, 42, 28
RGB Percent	0%, 16%, 11%
CMY	0.9961, 0.8353, 0.8902
CMYK	0.98, 0.00, 0.33, 0.84
HSL	160°, 95%, 8%
HSV	160°, 98%, 16%
XYZ	1.0501, 1.7462, 1.3803
YIQ	28.1450, -19.9420, -13.0460

Conversions

Conversions Part 2

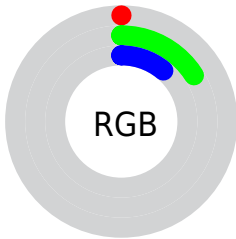
Format	Color
R_{YB}	1, 26, 42
Decimal	76316
CIE _{Lab}	14.09, -18.36, 5.25
CIE _{LCh}	14, 19.095, 164.031
Y _{xy}	1.7462, 0.2514, 0.4181
Android (android.graphics.Color)	4278266396 (0xFF012A1C)
Y _{UV}	28.1450, -0.0715, -23.8062
Hunter-Lab	13.2145, -8.9409, 3.0570

Details

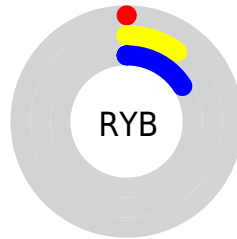
The Hex color **012A1C** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2A010F**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **305847**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **002A1C**, and if you desaturate by 10%, it is **052A1D**.

Distribution



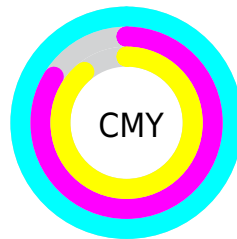
- Red (0%)
- Green (16%)
- Blue (11%)



- Red (0%)
- Yellow (10%)
- Blue (16%)



- Cyan (98%)
- Magenta (0%)
- Yellow (33%)
- Black (84%)



- Cyan (100%)
- Magenta (84%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 012A1C 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 012A1C by changing the saturation by 10% instead.

 012A1C

 012A1C

 E8FFFF

 001701

 305847

 000000

 48705F

 618A78


 7AA491

 94C0AC

 AFDCC7

 CBF8E3

 012A1C

 012A1C

■ 002A1C

■ 052A1D

■ 092A1F

■ 0E2A20

■ 122A22

■ 162A23

■ 1A2A25

■ 1E2A26

■ 232A27

■ 272A29

Harmonies

Analogous

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



17280F



012A1C



002A2A

Triad

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



012A1C



18233E



3A1C12

Complementary

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



012A1C



2A010F

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.



3D181E



012A1C



2D1E37

Square

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



012A1C



00273D



39192B



322006

Rectangle

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



012A1C



002A32



39192B



3B1A16

Sweetspot

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



012A1C



263630



0F2A01



121C19



9C9C9C



1C1C1C

Same Dimension

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



012A1C



003623



01242A



121414



005437



00D48B

Inverse Universe

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



2A010F



360012



2A0701



141213



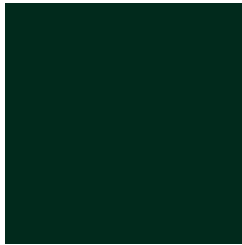
54001D



D40048

Previews

White Background



This preview shows how the Hex color 012A1C 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

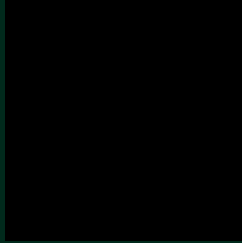
Any Text WCAG AA × Fail

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 012A1C Background



This preview shows how black text looks on a background with the Hex color 012A1C.



This preview shows how white text looks on a background with the Hex color 012A1C.

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
012A1C

Protanopia
27241A

Deuteranopia
2A231E



Tritanopia
0F282B

Trichromacy



Original Color
012A1C

Protanomaly
19261B

Deuteranomaly
1B261D

Tritanomaly
0A2926

Monochromacy



Original Color
012A1C

Achromatopsia
1C1C1C

Achromatomaly
12211C

CSS Examples

Text

The CSS property to change the color of the text to Hex 012A1C 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 #012A1C looks like.

```
.text, #text, p{  
    color:#012A1C  
}
```

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 #012A1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #012A1C
}
```

Border

The CSS property to change the border of an element to Hex 012A1C 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
#012A1C }
```

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

```
.border{ border-color:#012A1C }
```

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

Here you see how a box with a 4 pixel #012A1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #012A1C; -webkit-box-shadow:4px 4px  
4px 4px #012A1C; box-shadow:4px 4px 4px  
4px #012A1C }
```

Background

The CSS property to change the background color of an element to Hex 012A1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#012A1C }
```

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

```
.background{ background-color:#012A1C }
```

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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