

Converting Colors

Hex(012A1E)

Have a look what the booklet for
Hex(012A1E) contains.

Hex(012A1E)	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(012A1E)

Conversions

Conversions Part 1

Format	Color
Hex	012A1E
RGB	1, 42, 30
RGB Percent	0%, 16%, 12%
CMY	0.9961, 0.8353, 0.8824
CMYK	0.98, 0.00, 0.29, 0.84
HSL	162°, 95%, 8%
HSV	162°, 98%, 16%
XYZ	1.0748, 1.7561, 1.5106
YIQ	28.3730, -20.5840, -12.4240

Conversions

Conversions Part 2

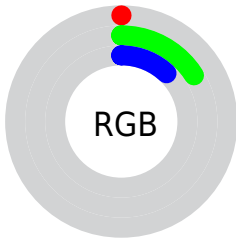
Format	Color
R_YB	1, 25, 42
Decimal	76318
CIE Lab	14.15, -17.73, 3.93
CIE LCh	14, 18.165, 167.512
Yxy	1.7561, 0.2476, 0.4045
Android (android.graphics.Color)	4278266398 (0xFF012A1E)
YUV	28.3730, 0.8021, -24.0061
Hunter-Lab	13.2519, -8.7131, 2.5177

Details

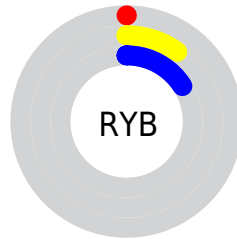
The Hex color **012A1E** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2A010D**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **31584A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **002A1E**, and if you desaturate by 10%, it is **052A1F**.

Distribution



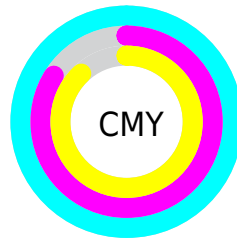
- Red (0%)
- Green (16%)
- Blue (12%)



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



- Cyan (98%)
- Magenta (0%)
- Yellow (29%)
- Black (84%)




- Cyan (100%)
- Magenta (84%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 012A1E 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 012A1E by changing the saturation by 10% instead.


 012A1E

 012A1E

 E8FFFF

 001705

 31584A

 000000

 487061


 618A7A

 7AA494

 95C0AF

 B0DBCA

 CBF8E6

 012A1E

 012A1E

■ 002A1E

■ 052A1F

■ 092A20

■ 0E2A22

■ 122A23

■ 162A24

■ 1A2A25

■ 1E2A27

■ 232A28

■ 272A29

Harmonies

Analogous

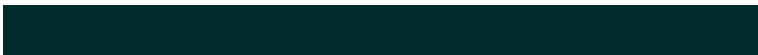
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



162812



012A1E



002A2B

Triad

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



012A1E



1C233C



381D11

Complementary

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



012A1E



2A010D

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.



3C191D



012A1E



2E1E35

Square

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



012A1E



00273D



391A2A



302108

Rectangle

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



012A1E



002A33



391A2A



3A1B15

Sweetspot

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



012A1E



263631



0D2A01



121C19



9C9C9C



1C1C1C

Same Dimension

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



012A1E



003626



01222A



121414



00543C



00D496

Inverse Universe

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



2A010D



360010



2A0901



141213



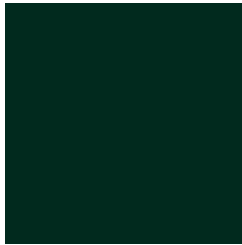
540019



D4003E

Previews

White Background



This preview shows how the Hex color 012A1E 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

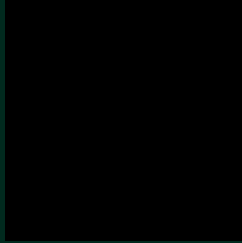
Any Text WCAG AA × Fail

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 012A1E Background



This preview shows how black text looks on a background with the Hex color 012A1E.



This preview shows how white text looks on a background with the Hex color 012A1E.

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
012A1E

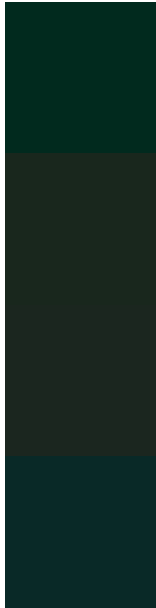
Protanopia
27251C

Deuteranopia
2A2320



Tritanopia
0E282C

Trichromacy



Original Color
012A1E

Protanomaly
19271D

Deuteranomaly
1B261F

Tritanomaly
092927

Monochromacy



Original Color
012A1E

Achromatopsia
1C1C1C

Achromatomaly
12211D

CSS Examples

Text

The CSS property to change the color of the text to Hex 012A1E 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 #012A1E looks like.

```
.text, #text, p{  
    color:#012A1E  
}
```

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 #012A1E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #012A1E
}
```

Border

The CSS property to change the border of an element to Hex 012A1E 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
#012A1E }
```

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

```
.border{ border-color:#012A1E }
```

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

Here you see how a box with a 4 pixel #012A1E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #012A1E; -webkit-box-shadow:4px 4px  
4px 4px #012A1E; box-shadow:4px 4px 4px  
4px #012A1E }
```

Background

The CSS property to change the background color of an element to Hex 012A1E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#012A1E }
```

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

```
.background{ background-color:#012A1E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor