

Converting Colors

Hex(012A17)

Have a look what the booklet for
Hex(012A17) contains.

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Color

Hex(012A17)

Conversions

Conversions Part 1

Format	Color
Hex	012A17
RGB	1, 42, 23
RGB Percent	0%, 16%, 9%
CMY	0.9961, 0.8353, 0.9098
CMYK	0.98, 0.00, 0.45, 0.84
HSL	152°, 95%, 8%
HSV	152°, 98%, 16%
XYZ	0.9951, 1.7242, 1.0910
YIQ	27.5750, -18.3370, -14.6010

Conversions

Conversions Part 2

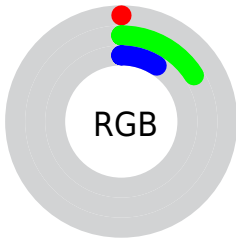
Format	Color
RYB	1, 28, 42
Decimal	76311
CIELab	13.97, -19.79, 8.55
CIELCh	14, 21.558, 156.628
Yxy	1.7242, 0.2612, 0.4525
Android (android.graphics.Color)	4278266391 (0xFF012A17)
YUV	27.5750, -2.2555, -23.3063
Hunter-Lab	13.1310, -9.4517, 4.2657

Details

The Hex color **012A17** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2A0114**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **305842**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **002A17**, and if you desaturate by 10%, it is **052A19**.

Distribution



Red (0%)

Green (16%)

Blue (9%)



Red (0%)

Yellow (11%)

Blue (16%)

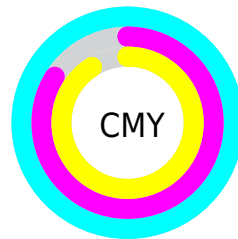


Cyan (98%)

Magenta (0%)

Yellow (45%)

Black (84%)



Cyan (100%)


Magenta (84%)


Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 012A17 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 012A17 by changing the saturation by 10% instead.

 012A17

 012A17

 E7FFF9

 001600

 305842

 000000

 487159

 618A72


 7AA58B

 94C0A6

 AFDCC1

 CBF8DD

 012A17

 012A17

■ 002A17

■ 052A19

■ 092A1B

■ 0E2A1D

■ 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.



192807



012A17



002B27

Triad

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



012A17



0B2441



3D1912

Complementary

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



012A17



2A0114

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.



3F1621



012A17



291E3C

Square

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



012A17



00283F



381830



361E03

Rectangle

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



012A17



002B31



381830



3F1717

Sweetspot

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



012A17



26362E



142A01



121C18



9C9C9C



1C1C1C

Same Dimension

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



012A17



00361D



01292A



121413



00542D



00D472

Inverse Universe

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



2A0114



360019



2A0201



141213



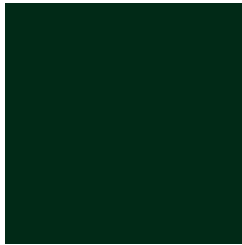
540027



D40062

Previews

White Background



This preview shows how the Hex color 012A17 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

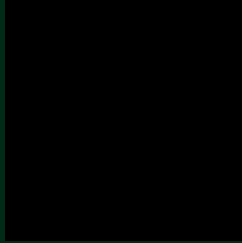
Any Text WCAG AA × Fail

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 012A17 Background



This preview shows how black text looks on a background with the Hex color 012A17.

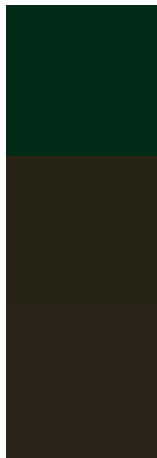


This preview shows how white text looks on a background with the Hex color 012A17.

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
012A17

Protanopia
282415

Deuteranopia
2B2319



Tritanopia
10282B

Trichromacy



Original Color
012A17

Protanomaly
1A2616

Deuteranomaly
1C2618

Tritanomaly
0B2924

Monochromacy



Original Color
012A17

Achromatopsia
1C1C1C

Achromatomaly
12211A

CSS Examples

Text

The CSS property to change the color of the text to Hex 012A17 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 #012A17 looks like.

```
.text, #text, p{  
  color:#012A17  
}
```

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 #012A17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #012A17
}
```

Border

The CSS property to change the border of an element to Hex 012A17 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
#012A17 }
```

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

```
.border{ border-color:#012A17 }
```

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

Here you see how a box with a 4 pixel #012A17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #012A17; -webkit-box-shadow:4px 4px  
4px 4px #012A17; box-shadow:4px 4px 4px  
4px #012A17 }
```

Background

The CSS property to change the background color of an element to Hex 012A17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#012A17 }
```

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

```
.background{ background-color:#012A17 }
```

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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