

Converting Colors

Hex(012C22)

Have a look what the booklet for
Hex(012C22) contains.

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Color

Hex(012C22)

Conversions

Conversions Part 1

Format	Color
Hex	012C22
RGB	1, 44, 34
RGB Percent	0%, 17%, 13%
CMY	0.9961, 0.8275, 0.8667
CMYK	0.98, 0.00, 0.23, 0.83
HSL	166°, 96%, 9%
HSV	166°, 98%, 17%
XYZ	1.2019, 1.9233, 1.8213
YIQ	30.0030, -22.4180, -12.2260

Conversions

Conversions Part 2

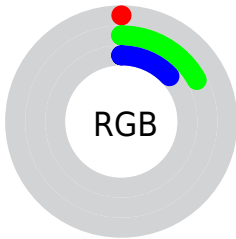
Format	Color
RYB	1, 25, 44
Decimal	76834
CIELab	15.08, -17.47, 2.44
CIElCh	15, 17.644, 172.062
Yxy	1.9233, 0.2430, 0.3888
Android (android.graphics.Color)	4278266914 (0xFF012C22)
YUV	30.0030, 1.9705, -25.4356
Hunter-Lab	13.8683, -8.7995, 1.9216

Details

The Hex color **012C22** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2C010B**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **325A4E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **002C22**, and if you desaturate by 10%, it is **052C23**.

Distribution



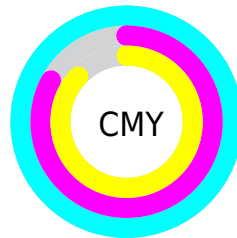
- Red (0%)
- Green (17%)
- Blue (13%)



- Red (0%)
- Yellow (10%)
- Blue (17%)



- Cyan (98%)
- Magenta (0%)
- Yellow (23%)
- Black (83%)




- Cyan (100%)
- Magenta (83%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 012C22 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 012C22 by changing the saturation by 10% instead.

 012C22

 012C22

 E9FFFF

 00190C

 325A4E

 000000

 4A7366


 628C7F

 7CA799

 96C2B4

 B1DECF

 CDFBEC

 012C22

 012C22

■ 002C22

■ 052C23

■ 0A2C24

■ 0E2C25

■ 132C26

■ 172C27

■ 1B2C28

■ 202C29

■ 242C2A

■ 292C2B

Harmonies

Analogous

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



162B16



012C22



002C2F

Triad

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



012C22



22243D



391F13

Complementary

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



012C22



2C010B

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.



3D1C1D



012C22



321F35

Square

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



012C22



07283E



3B1C2A



30240B

Rectangle

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



012C22



002B36



3B1C2A



3B1E16

Sweetspot

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



012C22



283834



0B2C01



121C1A



9C9C9C



1C1C1C

Same Dimension

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



012C22



00382B



01212C



151716



005743



00D6A4

Inverse Universe

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



2C010B



38000D



2C0C01



171515



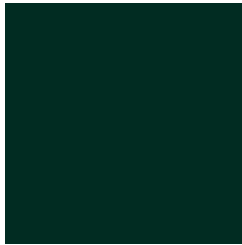
570014



D60032

Previews

White Background



This preview shows how the Hex color 012C22 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

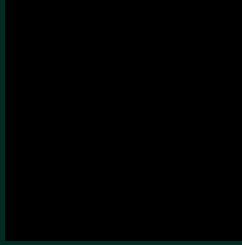
Any Text WCAG AA × Fail

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 012C22 Background



This preview shows how black text looks on a background with the Hex color 012C22.



This preview shows how white text looks on a background with the Hex color 012C22.

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
012C22

Protanopia
29261F

Deuteranopia
2B2524

Trichromacy



Original Color

012C22

Protanomaly

1A2820

Deuteranomaly

1C2823

Tritanomaly

092B2A

Monochromacy



Original Color

012C22

Achromatopsia

1E1E1E

Achromatomaly

13231F

CSS Examples

Text

The CSS property to change the color of the text to Hex 012C22 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 #012C22 looks like.

```
.text, #text, p{  
    color:#012C22  
}
```

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 #012C22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #012C22
}
```

Border

The CSS property to change the border of an element to Hex 012C22 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
#012C22 }
```

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

```
.border{ border-color:#012C22 }
```

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

Here you see how a box with a 4 pixel #012C22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #012C22; -webkit-box-shadow:4px 4px  
4px 4px #012C22; box-shadow:4px 4px 4px  
4px #012C22 }
```

Background

The CSS property to change the background color of an element to Hex 012C22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#012C22 }
```

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

```
.background{ background-color:#012C22 }
```

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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