

Converting Colors

Hex(012D27)

Have a look what the booklet for
Hex(012D27) contains.

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Color

Hex(012D27)

Conversions

Conversions Part 1

Format	Color
Hex	012D27
RGB	1, 45, 39
RGB Percent	0%, 18%, 15%
CMY	0.9961, 0.8235, 0.8471
CMYK	0.98, 0.00, 0.13, 0.82
HSL	172°, 96%, 9%
HSV	172°, 98%, 18%
XYZ	1.3171, 2.0297, 2.2418
YIQ	31.1600, -24.2980, -11.1940

Conversions

Conversions Part 2

Format	Color
R_YB	1, 25, 45
Decimal	77095
CIE Lab	15.64, -16.29, -0.26
CIE LCh	16, 16.295, 180.916
Yxy	2.0297, 0.2357, 0.3632
Android (android.graphics.Color)	4278267175 (0xFF012D27)
YUV	31.1600, 3.8651, -26.4503
Hunter-Lab	14.2468, -8.4296, 0.6431

Details

The Hex color **012D27** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2D0107**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **325B54**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **002D27**, and if you desaturate by 10%, it is **062D28**.

Distribution



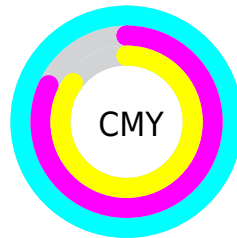
- Red (0%)
- Green (18%)
- Blue (15%)



- Red (0%)
- Yellow (10%)
- Blue (18%)



- Cyan (98%)
- Magenta (0%)
- Yellow (13%)
- Black (82%)




- Cyan (100%)
- Magenta (82%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 012D27 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 012D27 by changing the saturation by 10% instead.

 012D27

 012D27

 EBFFFF

 001A12

 325B54

 000000

 4B746C

 638D85


 7DA89F

 97C3BA

 B3DFD6

 CEFCF2

 012D27

 012D27

■ 002D27

■ 062D28

■ 0A2D28

■ 0F2D29

■ 132D29

■ 182D2A

■ 1C2D2B

■ 212D2B

■ 252D2C

■ 2A2D2D

Harmonies

Analogous

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



142C1B



012D27



002D32

Triad

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



012D27



29243B



372213

Complementary

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



012D27



2D0107

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.



3C1F1C



012D27



362032

Square

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



012D27



15283E



3C1E27



2E260F

Rectangle

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



012D27



002C39



3C1E27



392116

Sweetspot

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



012D27



2A3B38



082D01



141F1D



9E9E9E



1F1F1F

Same Dimension

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



012D27



003B33



011E2D



151717



00574B



00D6B9

Inverse Universe

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



2D0107



3B0008



2D1001



171515



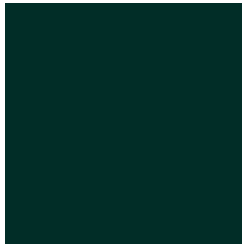
57000C



D6001D

Previews

White Background



This preview shows how the Hex color 012D27 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

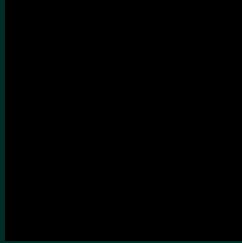
Any Text WCAG AA × Fail

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 012D27 Background



This preview shows how black text looks on a background with the Hex color 012D27.



This preview shows how white text looks on a background with the Hex color 012D27.

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

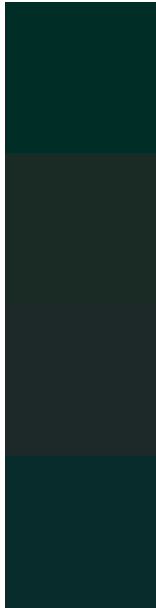


Original Color
012D27

Protanopia
292824

Deuteranopia
2B2628

Trichromacy



Original Color
012D27

Protanomaly
1A2A25

Deuteranomaly
1C2928

Tritanomaly
082C2C

Monochromacy



Original Color
012D27

Achromatopsia
1F1F1F

Achromatomaly
142422

CSS Examples

Text

The CSS property to change the color of the text to Hex 012D27 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 #012D27 looks like.

```
.text, #text, p{  
    color:#012D27  
}
```

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 #012D27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #012D27
}
```

Border

The CSS property to change the border of an element to Hex 012D27 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
#012D27 }
```

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

```
.border{ border-color:#012D27 }
```

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

Here you see how a box with a 4 pixel #012D27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #012D27; -webkit-box-shadow:4px 4px  
4px 4px #012D27; box-shadow:4px 4px 4px  
4px #012D27 }
```

Background

The CSS property to change the background color of an element to Hex 012D27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#012D27 }
```

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

```
.background{ background-color:#012D27 }
```

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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