

# Converting Colors

Hex(012613)

Have a look what the booklet for  
Hex(012613) contains.

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# Color

**Hex(012613)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	012613
RGB	1, 38, 19
RGB Percent	0%, 15%, 7%
CMY	0.9961, 0.8510, 0.9255
CMYK	0.97, 0.00, 0.50, 0.85
HSL	149°, 95%, 8%
HSV	149°, 97%, 15%
XYZ	0.8232, 1.4397, 0.8506
YIQ	24.7710, -15.9530, -13.7530

# Conversions

## Conversions Part 2

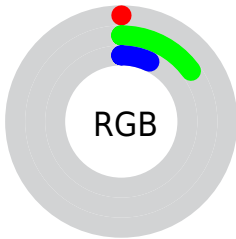
Format	Color
<a href="#">RYB</a>	<a href="#">1, 26, 38</a>
Decimal	<a href="#">75283</a>
CIELab	<a href="#">12.22, -18.95, 8.90</a>
CIELCh	<a href="#">12, 20.936, 154.838</a>
Yxy	<a href="#">1.4397, 0.2644, 0.4624</a>
Android (android.graphics.Color)	<a href="#">4278265363 (0xFF012613)</a>
YUV	<a href="#">24.7710, -2.8451, -20.8472</a>
Hunter-Lab	<a href="#">11.9987, -8.7518, 4.1960</a>

# Details

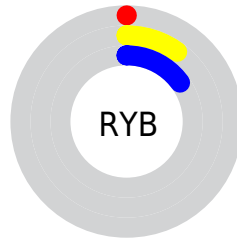
The Hex color **012613** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **260114**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **2F533D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **002612**, and if you desaturate by 10%, it is **052615**.

# Distribution



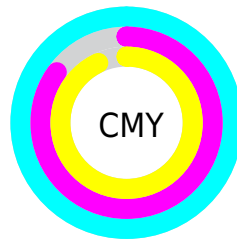
- Red (0%)
- Green (15%)
- Blue (7%)



- Red (0%)
- Yellow (10%)
- Blue (15%)



- Cyan (97%)
- Magenta (0%)
- Yellow (50%)
- Black (85%)




- Cyan (100%)
- Magenta (85%)
- Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 012613 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 012613 by changing the saturation by 10% instead.



 012613

 012613

 E5FFF3

 000F00

 2F533D

 000000

 466C54


 5E856D

 789F86

 92BBA0

 ADD6BB

 C8F3D7

 012613

 012613

■ 002612

■ 052615

■ 092617

■ 0C2619

■ 10261B

■ 14261D

■ 18261F

■ 1C2621

■ 1F2623

■ 232625

# Harmonies

## Analogous

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



182402



012613



002722

# Triad

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



012613



05213D



39150F

# Complementary

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



012613



260114

# 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.



3A121E



012613



241B38

# Square

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



012613



00253A



33152C



321B00

# Rectangle

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



012613



00272C



33152C



3A1415



# Sweetspot

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



012613



223029



142601



111A15



999999



1A1A1A



# Same Dimension

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



012613



003018



012625



101211



005228



00D166



# Inverse Universe

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



260114



300019



260102



121011



52002A

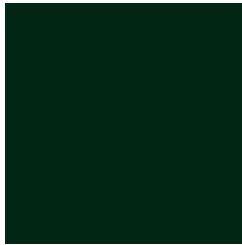


D1006B



# Previews

## White Background



This preview shows how the Hex color 012613 looks on a white background.

## Color Contrast Check

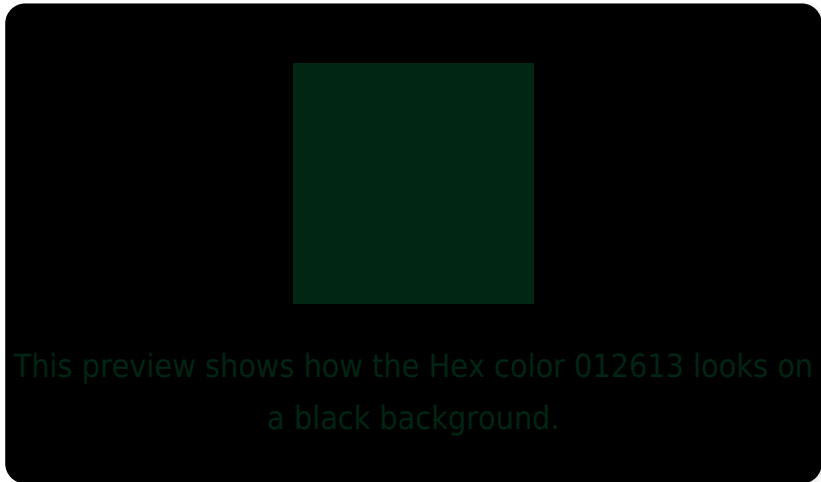
Large Text (above 18pt) WCAG AA ✓ Pass

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

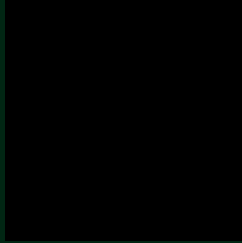
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 012613 Background



This preview shows how black text looks on a background with the Hex color 012613.



This preview shows how white text looks on a background with the Hex color 012613.

# 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



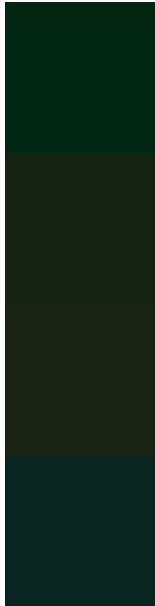
**Original Color**  
012613

**Protanopia**  
242111

**Deuteranopia**  
281F15



# Trichromacy



**Original Color**  
012613

**Protanomaly**  
172312

**Deuteranomaly**  
1A2214

**Tritanomaly**  
0A2520

# Monochromacy



**Original Color**  
012613

**Achromatopsia**  
191919

**Achromatomaly**  
101E17

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 012613 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 #012613 looks like.

```
.text, #text, p{  
    color:#012613  
}
```

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 #012613 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #012613
}
```

## Border

The CSS property to change the border of an element to Hex 012613 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".

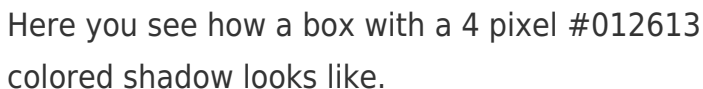
```
.border, #border, table{ border:4px solid
#012613 }
```

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

```
.border{ border-color:#012613 }
```

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

Here you see how a box with a 4 pixel #012613 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #012613; -webkit-box-shadow:4px 4px  
4px 4px #012613; box-shadow:4px 4px 4px  
4px #012613 }
```

# Background

The CSS property to change the background color of an element to Hex 012613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#012613 }
```

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

```
.background{ background-color:#012613 }
```

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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