

Converting Colors

Hex(012915)

Have a look what the booklet for
Hex(012915) contains.

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Color

Hex(012915)

Conversions

Conversions Part 1

Format	Color
Hex	012915
RGB	1, 41, 21
RGB Percent	0%, 16%, 8%
CMY	0.9961, 0.8392, 0.9176
CMYK	0.98, 0.00, 0.49, 0.84
HSL	150°, 95%, 8%
HSV	150°, 98%, 16%
XYZ	0.9408, 1.6465, 0.9777
YIQ	26.7600, -17.4200, -14.7000

Conversions

Conversions Part 2

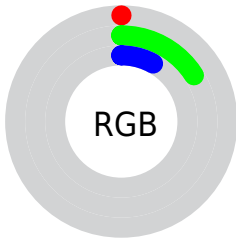
Format	Color
R_{YB}	1, 28, 41
Decimal	76053
CIE _{Lab}	13.51, -19.84, 9.31
CIE _{LCh}	14, 21.920, 154.865
Yxy	1.6465, 0.2639, 0.4618
Android (android.graphics.Color)	4278266133 (0xFF012915)
YUV	26.7600, -2.8397, -22.5915
Hunter-Lab	12.8315, -9.3674, 4.4645

Details

The Hex color **012915** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **290115**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **305740**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **002914**, and if you desaturate by 10%, it is **052917**.

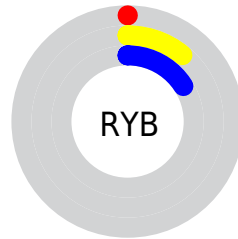
Distribution



Red (0%)

Green (16%)

Blue (8%)



Red (0%)

Yellow (11%)

Blue (16%)

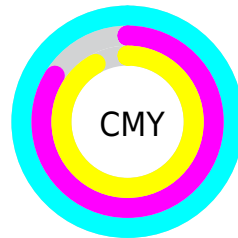


Cyan (98%)

Magenta (0%)

Yellow (49%)

Black (84%)



Cyan (100%)


Magenta (84%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 012915 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 012915 by changing the saturation by 10% instead.

 012915

 012915

 E7FFF6

 001500

 305740

 000000

 486F57


 60896F

 79A389

 94BEA3

 AFDABE

 CAF7DA

 012915

 012915

■ 002914

■ 052917

■ 092919

■ 0D291B

■ 11291D

■ 16291F

■ 1A2921

■ 1E2923

■ 222925

■ 262927

Harmonies

Analogous

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



192704



012915



002A25

Triad

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



012915



052341



3D1712

Complementary

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



012915



290115

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.



3E1421



012915



261D3C

Square

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



012915



00283E



371730



351D01

Rectangle

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



012915



002A2F



371730



3E1617

Sweetspot

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



012915



26362E



152901



121C17



9C9C9C



1C1C1C

Same Dimension

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



012915



00361B



012929



121413



00542A



00D46A

Inverse Universe

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



290115



36001B



290101



141213



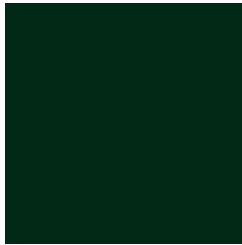
54002A



D4006A

Previews

White Background



This preview shows how the Hex color 012915 looks on a white background.

Color Contrast Check

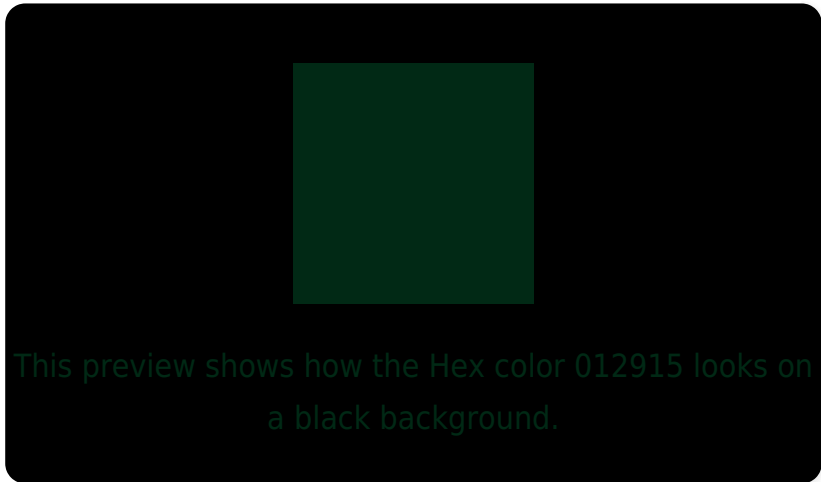
Large Text (above 18pt) WCAG AA ✓ Pass

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

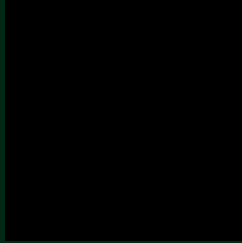
Any Text WCAG AA × Fail

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 012915 Background



This preview shows how black text looks on a background with the Hex color 012915.



This preview shows how white text looks on a background with the Hex color 012915.

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
012915

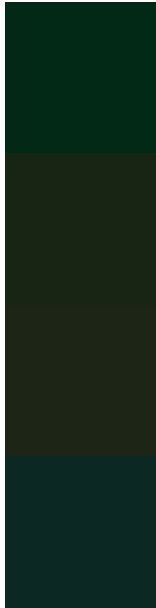
Protanopia
272313

Deuteranopia
2B2217



Tritanopia
10272A

Trichromacy



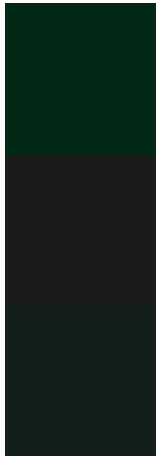
Original Color
012915

Protanomaly
192514

Deuteranomaly
1C2516

Tritanomaly
0B2822

Monochromacy



Original Color
012915

Achromatopsia
1B1B1B

Achromatomaly
122019

CSS Examples

Text

The CSS property to change the color of the text to Hex 012915 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 #012915 looks like.

```
.text, #text, p{  
    color:#012915  
}
```

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 #012915 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #012915
}
```

Border

The CSS property to change the border of an element to Hex 012915 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".

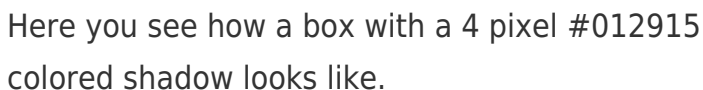
```
.border, #border, table{ border:4px solid
#012915 }
```

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

```
.border{ border-color:#012915 }
```

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

Here you see how a box with a 4 pixel #012915 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #012915; -webkit-box-shadow:4px 4px  
4px 4px #012915; box-shadow:4px 4px 4px  
4px #012915 }
```

Background

The CSS property to change the background color of an element to Hex 012915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#012915 }
```

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

```
.background{ background-color:#012915 }
```

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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