

# Converting Colors

Hex(011D21)

Have a look what the booklet for  
Hex(011D21) contains.

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# Color

**Hex(011D21)**

# Conversions

Conversions Part 1	
Format	Color
Hex	011D21
RGB	1, 29, 33
RGB Percent	0%, 11%, 13%
CMY	0.9961, 0.8863, 0.8706
CMYK	0.97, 0.12, 0.00, 0.87
HSL	188°, 94%, 7%
HSV	188°, 97%, 13%
XYZ	0.7264, 0.9950, 1.5926
YIQ	21.0840, -17.9720, -4.6920

# Conversions

## Conversions Part 2

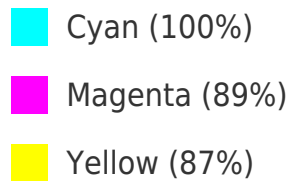
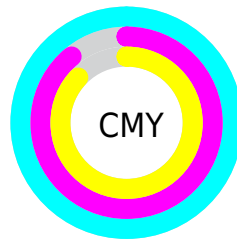
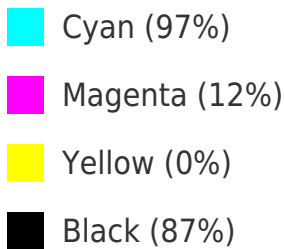
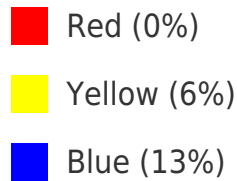
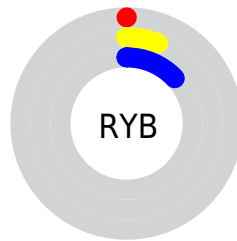
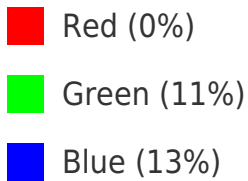
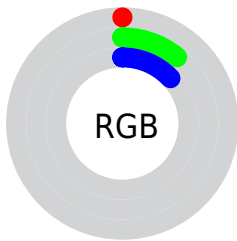
Format	Color
<a href="#">RYB</a>	<a href="#">1, 16, 33</a>
Decimal	<a href="#">72993</a>
CIELab	<a href="#">8.95, -8.82, -5.90</a>
CIELCh	<a href="#">9, 10.609, 213.758</a>
Yxy	<a href="#">0.9950, 0.2192, 0.3002</a>
Android (android.graphics.Color)	<a href="#">4278263073</a> (0xFF011D21)
YUV	<a href="#">21.0840, 5.8746, -17.6137</a>
Hunter-Lab	<a href="#">9.9749, -4.4573, -2.4839</a>

# Details

The Hex color **011D21** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **210501**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **2E494D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **001D21**, and if you desaturate by 10%, it is **041D21**.

# Distribution




# Brightness & Saturation Gradients

These gradients show how the Hex color 011D21 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 011D21 by changing the saturation by 10% instead.



 011D21

 011D21

 E3FFFF

 00000A

 2E494D

 000000

 456065

 5D797E


 769398

 90ADB3

 ABC9CE

 C7E5EA

 011D21

 011D21

■ 001D21

■ 041D21

■ 081E21

■ 0B1E21

■ 0E1F21

■ 121F21

■ 151F21

■ 182021

■ 1B2021

■ 1F2121

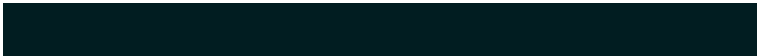
# Harmonies

## Analogous

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



041D1A



011D21



061C26

# Triad

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



011D21



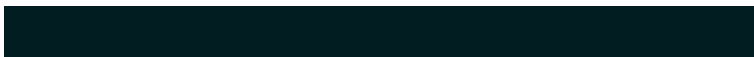
231520



1E1907

# Complementary

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



011D21



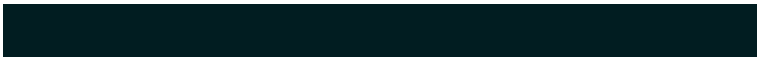
210501

# 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.



24170A



011D21



271419

# Square

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



011D21



1B1725



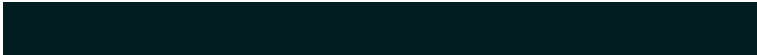
271511



161B0B

# Rectangle

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



011D21



0D1B27



271511

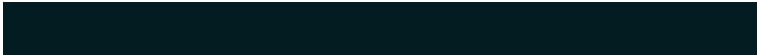


201807



# Sweetspot

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



011D21



1F2A2B



012105



0F1617



969696



171717

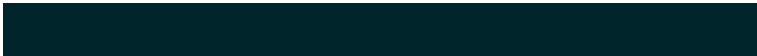


# Same Dimension

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



011D21



00262B



010D21



0E0F0F



00454F



00B5CF



# Inverse Universe

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



21011D



2B0026



211501



0F0E0F



4F0045

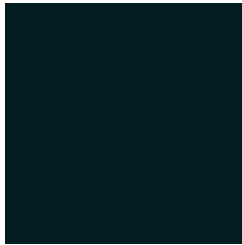


CF00B5



# Previews

## White Background



This preview shows how the Hex color 011D21 looks on a white background.

## Color Contrast Check

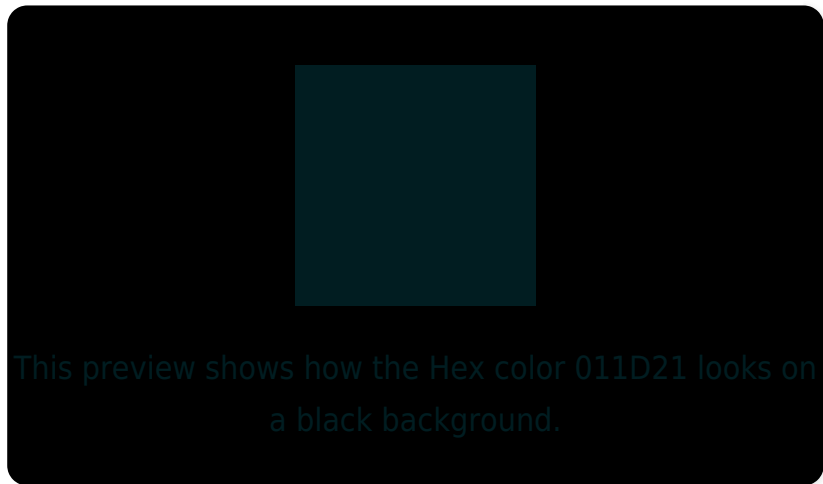
Large Text (above 18pt) WCAG AA ✓ Pass

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

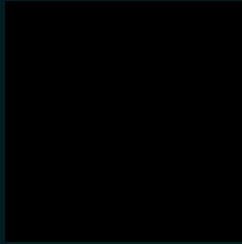
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

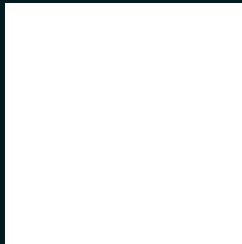
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 011D21 Background



This preview shows how black text looks on a background with the Hex color 011D21.

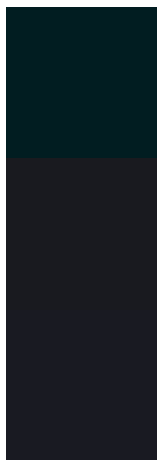


This preview shows how white text looks on a background with the Hex color 011D21.

# 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**  
011D21


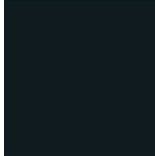
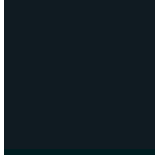
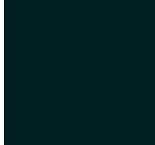
**Protanopia**  
191A1F

**Deuteranopia**  
191A22


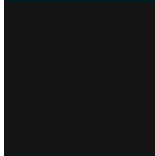



**Tritanopia**  
001D20

# Trichromacy

	<b>Original Color</b> 011D21
	<b>Protanomaly</b> 101B20
	<b>Deuteranomaly</b> 101B22
	<b>Tritanomaly</b> 001D20

# Monochromacy

	<b>Original Color</b> 011D21
	<b>Achromatopsia</b> 151515
	<b>Achromatomaly</b> 0E1819

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 011D21 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 #011D21 looks like.

```
.text, #text, p{  
    color:#011D21  
}
```

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 #011D21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #011D21
}
```

## Border

The CSS property to change the border of an element to Hex 011D21 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
#011D21 }
```

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

```
.border{ border-color:#011D21 }
```

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

Here you see how a box with a 4 pixel #011D21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #011D21; -webkit-box-shadow:4px 4px  
4px 4px #011D21; box-shadow:4px 4px 4px  
4px #011D21 }
```

# Background

The CSS property to change the background color of an element to Hex 011D21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#011D21 }
```

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

```
.background{ background-color:#011D21 }
```

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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