

Converting Colors

Hex(021311)

Have a look what the booklet for
Hex(021311) contains.

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Color

Hex(021311)

Conversions

Conversions Part 1

Format	Color
Hex	021311
RGB	2, 19, 17
RGB Percent	1%, 7%, 7%
CMY	0.9922, 0.9255, 0.9333
CMYK	0.89, 0.00, 0.11, 0.93
HSL	173°, 81%, 4%
HSV	173°, 89%, 7%
XYZ	0.3591, 0.5191, 0.6116
YIQ	13.6890, -9.4900, -4.2260

Conversions

Conversions Part 2

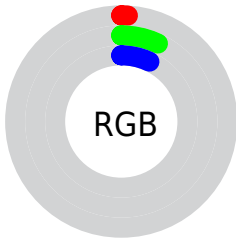
Format	Color
R_{YB}	2, 11, 19
Decimal	135953
CIE Lab	4.69, -5.50, -0.66
CIE LCh	5, 5.542, 186.871
Yxy	0.5191, 0.2410, 0.3485
Android (android.graphics.Color)	4278326033 (0xFF021311)
YUV	13.6890, 1.6323, -10.2513
Hunter-Lab	7.2050, -3.7127, 0.0107

Details

The Hex color **021311** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **130204**, and the grayscale version is **0E0E0E**.

A 20% lighter version of the original color is **313D3B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **001311**, and if you desaturate by 10%, it is **041311**.

Distribution



Red (1%)

Green (7%)

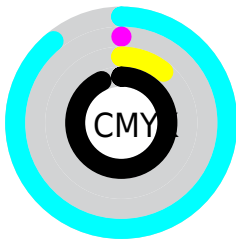
Blue (7%)



Red (1%)

Yellow (4%)

Blue (7%)

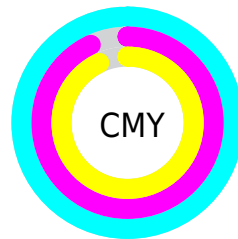


Cyan (89%)

Magenta (0%)

Yellow (11%)

Black (93%)



Cyan (99%)

Magenta (93%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 021311 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 021311 by changing the saturation by 10% instead.

■ 021311

■ 021311

■ E4F3F1

■ 000000

■ 313D3B

■ 475452

■ 5F6D6B

■ 788684

■ 92A09E

■ ACBBB9

■ C7D7D4

■ 021311

■ 021311

■ 001311

■ 041311

■ 061311

■ 081312

■ 0A1312

■ 0C1312

■ 0D1312

■ 0F1313

■ 111313

■ 131313

Harmonies

Analogous

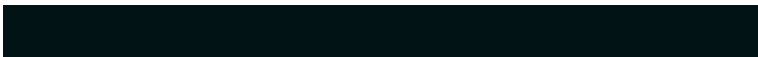
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



06130C



021311



021315

Triad

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



021311



120E17



170E05

Complementary

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



021311



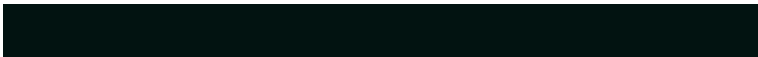
130204

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.



190D09



021311



170D14

Square

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



021311



0C1018



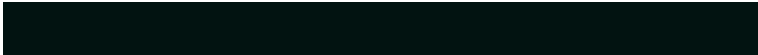
190D0F



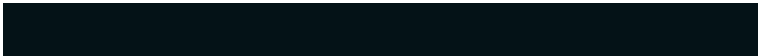
131004

Rectangle

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



021311



041217



190D0F



180E06

Sweetspot

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



021311



131A19



041302



090D0C



8C8C8C



0D0D0D

Same Dimension

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



021311



001A17



020D13



090A0A



004A41



00C9B2

Inverse Universe

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



130204



1A0003



130802



0A0909



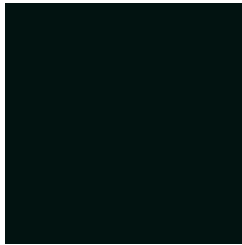
4A0009



C90018

Previews

White Background



This preview shows how the Hex color 021311 looks on a white background.

Color Contrast Check

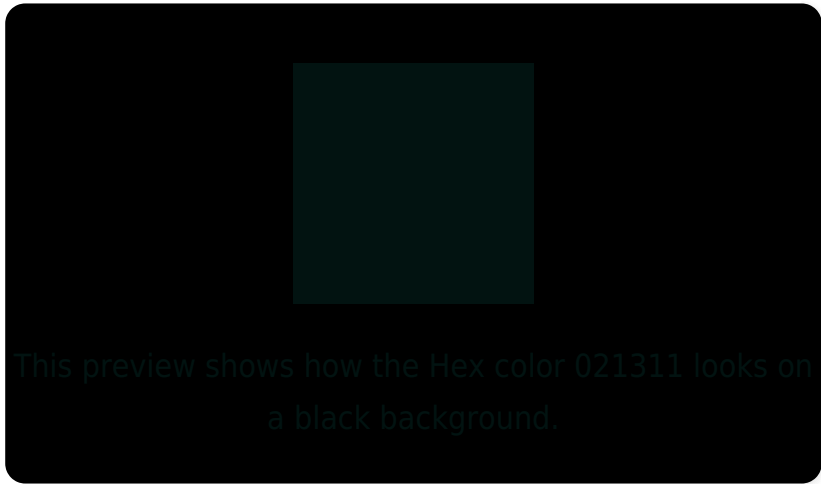
Large Text (above 18pt) WCAG AA ✓ Pass

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

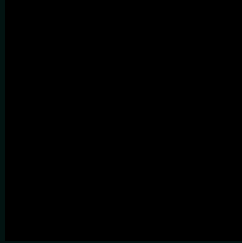
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

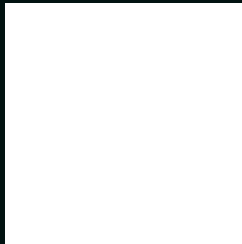
Any Text WCAG AAA × Fail

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

Hex 021311 Background



This preview shows how black text looks on a background with the Hex color 021311.

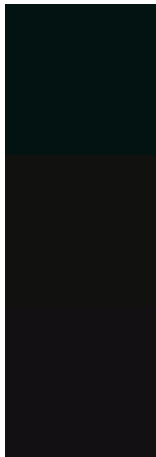


This preview shows how white text looks on a background with the Hex color 021311.

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
021311

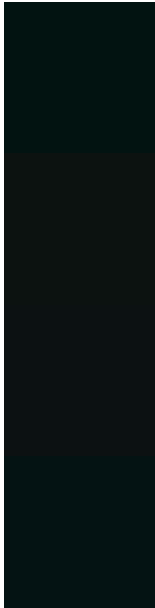
Protanopia
111110

Deuteranopia
121012



Tritanopia
051314

Trichromacy



Original Color
021311

Protanomaly
0C1210

Deuteranomaly
0C1112

Tritanomaly
041313

Monochromacy



Original Color
021311

Achromatopsia
0E0E0E

Achromatomaly
0A100F

CSS Examples

Text

The CSS property to change the color of the text to Hex 021311 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 #021311 looks like.

```
.text, #text, p{  
    color:#021311  
}
```

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 #021311 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #021311
}
```

Border

The CSS property to change the border of an element to Hex 021311 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
#021311 }
```

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

```
.border{ border-color:#021311 }
```

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

Here you see how a box with a 4 pixel #021311 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #021311; -webkit-box-shadow:4px 4px  
4px 4px #021311; box-shadow:4px 4px 4px  
4px #021311 }
```

Background

The CSS property to change the background color of an element to Hex 021311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#021311 }
```

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

```
.background{ background-color:#021311 }
```

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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