

Converting Colors

Hex(31121D)

Have a look what the booklet for
Hex(31121D) contains.

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Color

Hex(31121D)

Conversions

Conversions Part 1

Format	Color
Hex	31121D
RGB	49, 18, 29
RGB Percent	19%, 7%, 11%
CMY	0.8078, 0.9294, 0.8863
CMYK	0.00, 0.63, 0.41, 0.81
HSL	339°, 46%, 13%
HSV	339°, 63%, 19%
XYZ	1.7047, 1.1743, 1.2992
YIQ	28.5230, 14.9450, 9.9930

Conversions

Conversions Part 2

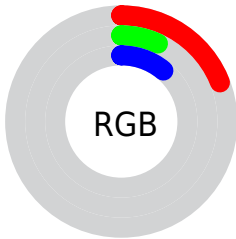
Format	Color
R_YB	49, 18, 29
Decimal	3215901
CIE Lab	10.37, 17.23, -0.24
CIE LCh	10, 17.234, 359.192
Yxy	1.1743, 0.4080, 0.2811
Android (android.graphics.Color)	4281405981 (0xFF31121D)
YUV	28.5230, 0.2352, 17.9583
Hunter-Lab	10.8365, 9.1163, 0.4771




Details

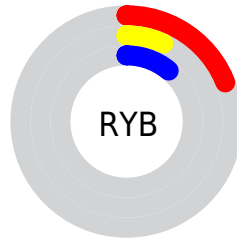
The Hex color **31121D** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **123126**, and the grayscale version is **1D1D1D**.




A 20% lighter version of the original color is **613D48**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **310D1A**, and if you desaturate by 10%, it is **311720**.

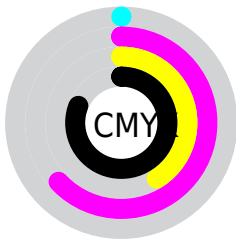
Distribution







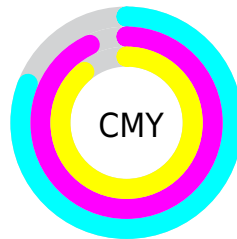
-  Red (19%)
-  Green (7%)
-  Blue (11%)






-  Red (19%)
-  Yellow (7%)
-  Blue (11%)



-  Cyan (0%)
-  Magenta (63%)
-  Yellow (41%)
-  Black (81%)




-  Cyan (81%)
-  Magenta (93%)
-  Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31121D 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 31121D by changing the saturation by 10% instead.

 31121D

 31121D

 FFF5FF

 1F0003

 613D48

 000000

 7A5560


 946D79


 AF8792

 CBA1AD

 E7BCC8

 FFD8E4

 31121D

 31121D

■ 310D1A

■ 311720

■ 310817

■ 311C23

■ 310314

■ 312126

■ 310011

■ 31262A

■ 312B2D

■ 312F30

■ 313433

■ 313936

■ 313E39

Harmonies

Analogous

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



2A1528



31121D



311311

Triad

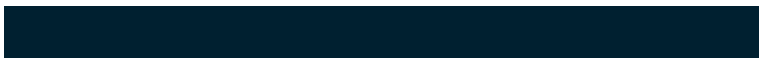
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



31121D



191F01



002030

Complementary

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



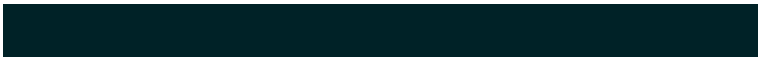
31121D



123126

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.



002227



31121D



08210F

Square

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



31121D



251B00



00221B



041E33

Rectangle

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



31121D



2F1607



00221B



00212E

Sweetspot

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



31121D



403438



261231



211A1C



A1A1A1



212121

Same Dimension

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



31121D



400F20



311612



1A1718



590020



D9004D

Inverse Universe

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



31121D



400F20



122D31



1A1718



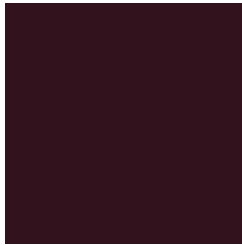
590020



D9004D

Previews

White Background



This preview shows how the Hex color 31121D looks on a white background.

Color Contrast Check

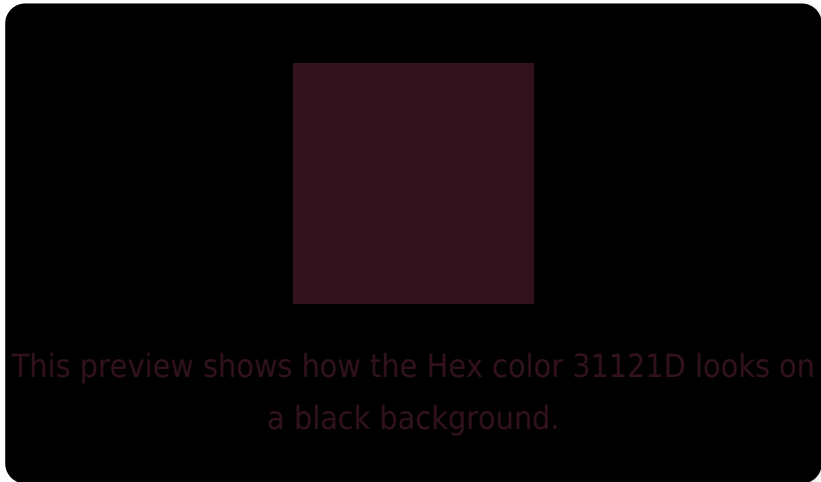
Large Text (above 18pt) WCAG AA ✓ Pass

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

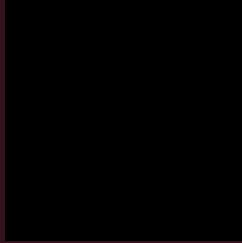
Any Text WCAG AA × Fail

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 31121D Background



This preview shows how black text looks on a background with the Hex color 31121D.



This preview shows how white text looks on a background with the Hex color 31121D.

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](#).

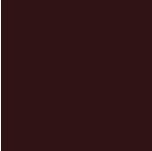
Dichromacy



Original Color
31121D

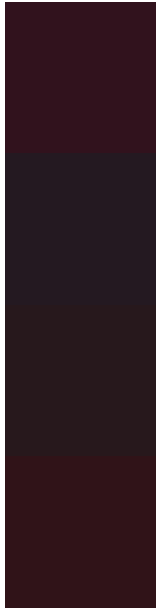
Protanopia
1C1D24

Deuteranopia
211C1B



Tritanopia
301415

Trichromacy



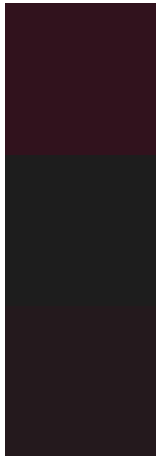
Original Color
31121D

Protanomaly
241921

Deuteranomaly
27181C

Tritanomaly
301318

Monochromacy



Original Color
31121D

Achromatopsia
1D1D1D

Achromatomaly
24191D

CSS Examples

Text

The CSS property to change the color of the text to Hex 31121D 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 #31121D looks like.

```
.text, #text, p{  
    color:#31121D  
}
```

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 #31121D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31121D
}
```

Border

The CSS property to change the border of an element to Hex 31121D is called "border". The border property can be set on classes, ids or directly on the HTML element.

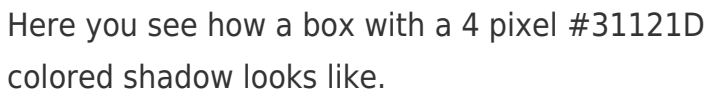
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#31121D }
```

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

```
.border{ border-color:#31121D }
```

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



Here you see how a box with a 4 pixel #31121D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31121D; -webkit-box-shadow:4px 4px  
4px 4px #31121D; box-shadow:4px 4px 4px  
4px #31121D }
```

Background

The CSS property to change the background color of an element to Hex 31121D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31121D }
```

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

```
.background{ background-color:#31121D }
```

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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