

Converting Colors

Hex(29121C)

Have a look what the booklet for
Hex(29121C) contains.

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Color

Hex(29121C)

Conversions

Conversions Part 1

Format	Color
Hex	29121C
RGB	41, 18, 28
RGB Percent	16%, 7%, 11%
CMY	0.8392, 0.9294, 0.8902
CMYK	0.00, 0.56, 0.32, 0.84
HSL	334°, 39%, 12%
HSV	334°, 56%, 16%
XYZ	1.3404, 0.9879, 1.2186
YIQ	26.0170, 10.4980, 7.9860

Conversions

Conversions Part 2

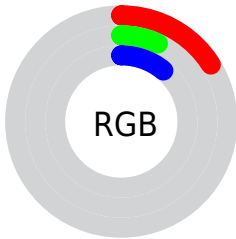
Format	Color
RYB	41, 18, 28
Decimal	2691612
CIELab	8.89, 13.51, -1.82
CIElCh	9, 13.637, 352.316
Yxy	0.9879, 0.3779, 0.2785
Android (android.graphics.Color)	4280881692 (0xFF29121C)
YUV	26.0170, 0.9776, 13.1401
Hunter-Lab	9.9392, 6.6783, -0.3121

Details

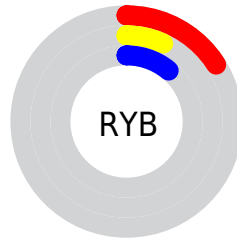
The Hex color **29121C** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **12291F**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **573D47**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **290E1A**, and if you desaturate by 10%, it is **29161E**.

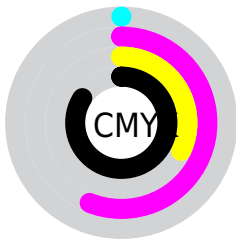
Distribution



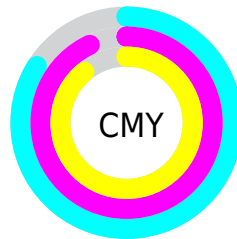
- Red (16%)
- Green (7%)
- Blue (11%)



- Red (16%)
- Yellow (7%)
- Blue (11%)



- Cyan (0%)
- Magenta (56%)
- Yellow (32%)
- Black (84%)



- Cyan (84%)
- Magenta (93%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29121C 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 29121C by changing the saturation by 10% instead.

■ 29121C

■ 29121C

■ FFF3FF

■ 140000

■ 573D47

■ 000000

■ 70545F

■ 8A6C78

■ A48691

■ BFA0AC

■ DBBBC7

■ F8D7E3

■ 29121C

■ 29121C

■ 290E1A

■ 29161E

■ 290A17

■ 291A21

■ 290615

■ 291E23

■ 290213

■ 292225

■ 290012

■ 292628

■ 292B2A

■ 292F2C

■ 29332F

■ 293731

Harmonies

Analogous

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



221424



29121C



2B1212

Triad

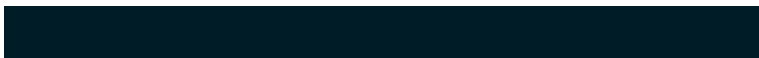
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



29121C



1A1B01



001D27

Complementary

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



29121C



12291F

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.



001E20



29121C



0D1D0C

Square

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



29121C



221800



001E17



051B2B

Rectangle

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



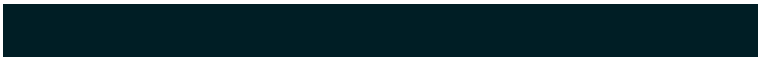
29121C



29140B



001E17



001E25

Sweetspot

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



29121C



362C30



1F1229



1C1619



9C9C9C



1C1C1C

Same Dimension

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



29121C



361221



291312



141213



540025



D4005C

Inverse Universe

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



29121C



361221



122829



141213



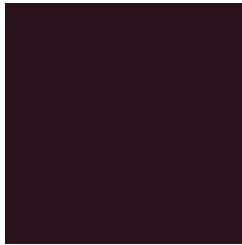
540025



D4005C

Previews

White Background



This preview shows how the Hex color 29121C looks on a white background.

Color Contrast Check

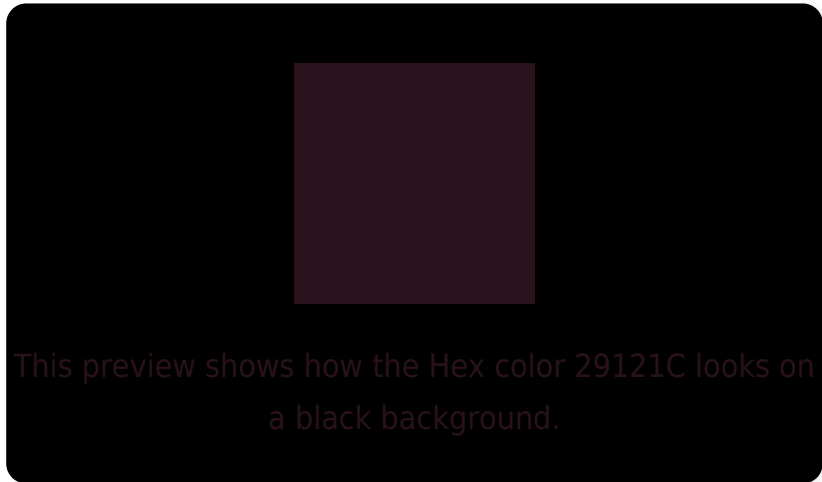
Large Text (above 18pt) WCAG AA ✓ Pass

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

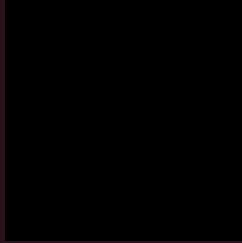
Any Text WCAG AA × Fail

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 29121C Background



This preview shows how black text looks on a background with the Hex color 29121C.



This preview shows how white text looks on a background with the Hex color 29121C.

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
29121C

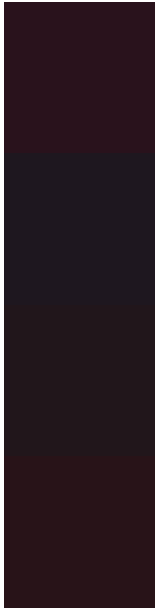
Protanopia
181A21

Deuteranopia
1C191B



Tritanopia
281315

Trichromacy



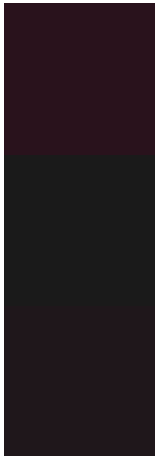
Original Color
29121C

Protanomaly
1E171F

Deuteranomaly
21161B

Tritanomaly
281318

Monochromacy



Original Color
29121C

Achromatopsia
1A1A1A

Achromatomaly
1F171B

CSS Examples

Text

The CSS property to change the color of the text to Hex 29121C 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 #29121C looks like.

```
.text, #text, p{  
    color:#29121C  
}
```

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 #29121C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29121C
}
```

Border

The CSS property to change the border of an element to Hex 29121C 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".

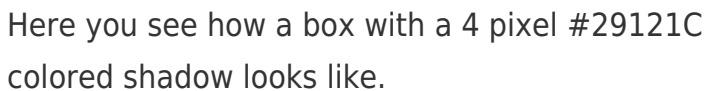
```
.border, #border, table{ border:4px solid
#29121C }
```

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

```
.border{ border-color:#29121C }
```

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

Here you see how a box with a 4 pixel #29121C colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29121C; -webkit-box-shadow:4px 4px  
4px 4px #29121C; box-shadow:4px 4px 4px  
4px #29121C }
```

Background

The CSS property to change the background color of an element to Hex 29121C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29121C }
```

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

```
.background{ background-color:#29121C }
```

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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