

Converting Colors

Hex(12191C)

Have a look what the booklet for
Hex(12191C) contains.

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Color

Hex(12191C)

Conversions

Conversions Part 1

Format	Color
Hex	12191C
RGB	18, 25, 28
RGB Percent	7%, 10%, 11%
CMY	0.9294, 0.9020, 0.8902
CMYK	0.36, 0.11, 0.00, 0.89
HSL	198°, 22%, 9%
HSV	198°, 36%, 11%
XYZ	0.8067, 0.9077, 1.2313
YIQ	23.2490, -5.1350, -0.5510

Conversions

Conversions Part 2

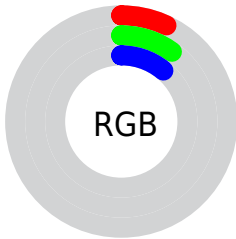
Format	Color
R_{YB}	18, 22, 28
Decimal	1186076
CIE Lab	8.20, -2.29, -3.17
CIE LCh	8, 3.912, 234.176
Yxy	0.9077, 0.2739, 0.3081
Android (android.graphics.Color)	4279376156 (0xFF12191C)
YUV	23.2490, 2.3422, -4.6034
Hunter-Lab	9.5273, -1.5591, -0.9934

Details

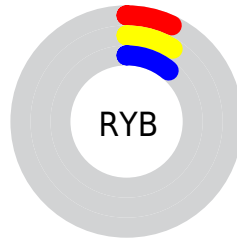
The Hex color **12191C** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **1C1512**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **3C4447**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0F181C**, and if you desaturate by 10%, it is **151A1C**.

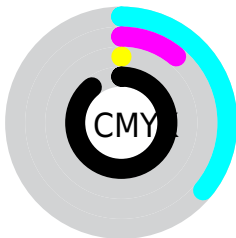
Distribution



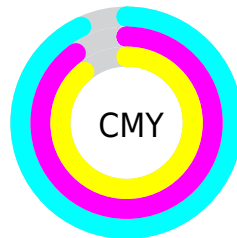
- Red (7%)
- Green (10%)
- Blue (11%)



- Red (7%)
- Yellow (9%)
- Blue (11%)



- Cyan (36%)
- Magenta (11%)
- Yellow (0%)
- Black (89%)



- Cyan (93%)
- Magenta (90%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 12191C 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 12191C by changing the saturation by 10% instead.

■ 12191C

■ 12191C

■ F2FBFF

■ 000000

■ 3C4447

■ 535B5F

■ 6C7478

■ 858D91

■ 9FA8AC

■ BAC3C7

■ D6DFE3

■ 12191C

■ 12191C

■ 0F181C

■ 151A1C

■ 0C171C

■ 181B1C

■ 0A161C

■ 1A1C1C

■ 07161C

■ 1D1C1C

■ 04151C

■ 201D1C

■ 01141C

■ 231E1C

■ 00141C

■ 261F1C

■ 28201C

■ 2B211C

Harmonies

Analogous

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



11191A



12191C



15181D

Triad

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



12191C



1D1619



181813

Complementary

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



12191C



1C1512

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.



1B1812



12191C



1D1616

Square

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



12191C



1B171B



1D1714



151915

Rectangle

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



12191C



17181D



1D1714



191812

Sweetspot

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



12191C



202324



121C15



101112



919191



121212

Same Dimension

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



12191C



141F24



12141C



0B0C0D



00364D



008FCC

Inverse Universe

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



1C1219



24141F



1C1A12



0D0B0C



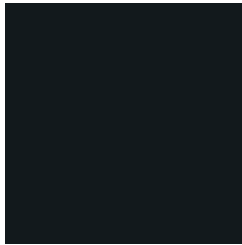
4D0036



CC008F

Previews

White Background



This preview shows how the Hex color 12191C looks on a white background.

Color Contrast Check

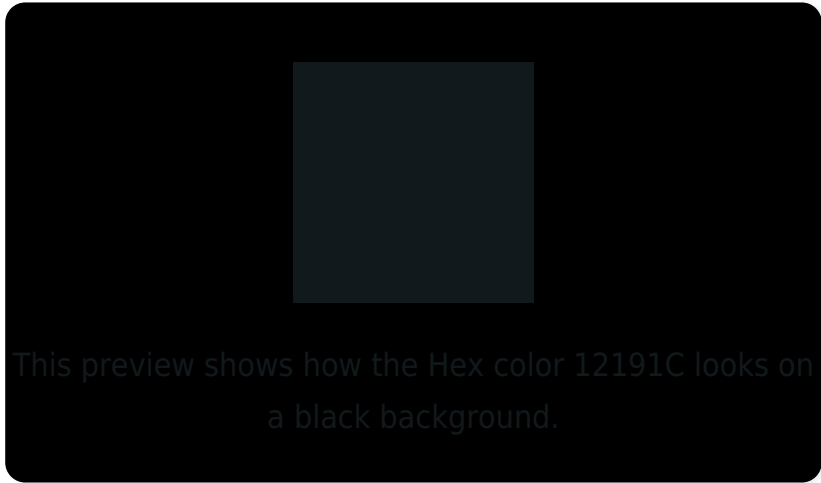
Large Text (above 18pt) WCAG AA ✓ Pass

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

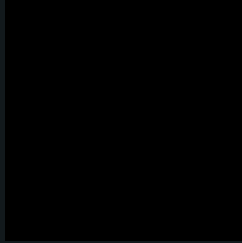
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

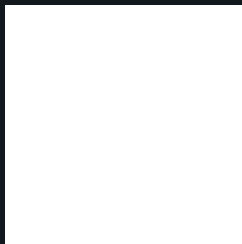
Any Text WCAG AAA × Fail

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

Hex 12191C Background



This preview shows how black text looks on a background with the Hex color 12191C.



This preview shows how white text looks on a background with the Hex color 12191C.

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
12191C

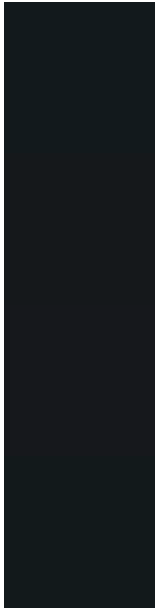
Protanopia
17181B

Deuteranopia
18171C



Tritanopia
12191B

Trichromacy



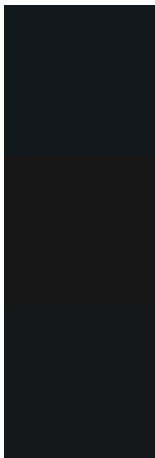
Original Color
12191C

Protanomaly
15181B

Deuteranomaly
16181C

Tritanomaly
12191B

Monochromacy



Original Color
12191C

Achromatopsia
171717

Achromatomaly
151819

CSS Examples

Text

The CSS property to change the color of the text to Hex 12191C 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 #12191C looks like.

```
.text, #text, p{  
    color:#12191C  
}
```

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 #12191C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12191C
}
```

Border

The CSS property to change the border of an element to Hex 12191C 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
#12191C }
```

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

```
.border{ border-color:#12191C }
```

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

Here you see how a box with a 4 pixel #12191C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12191C; -webkit-box-shadow:4px 4px  
4px 4px #12191C; box-shadow:4px 4px 4px  
4px #12191C }
```

Background

The CSS property to change the background color of an element to Hex 12191C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12191C }
```

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

```
.background{ background-color:#12191C }
```

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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