

Converting Colors

Hex(10181D)

Have a look what the booklet for
Hex(10181D) contains.

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Color

Hex(10181D)

Conversions

Conversions Part 1

Format	Color
Hex	10181D
RGB	16, 24, 29
RGB Percent	6%, 9%, 11%
CMY	0.9373, 0.9059, 0.8863
CMYK	0.45, 0.17, 0.00, 0.89
HSL	203°, 29%, 9%
HSV	203°, 45%, 11%
XYZ	0.7621, 0.8521, 1.2867
YIQ	22.1780, -6.3730, -0.1410

Conversions

Conversions Part 2

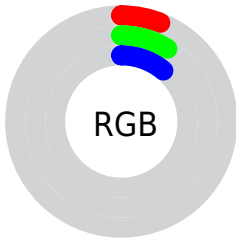
Format	Color
RYB	16, 21, 29
Decimal	1054749
CIELab	7.70, -1.96, -4.70
CIElCh	8, 5.090, 247.357
Yxy	0.8521, 0.2627, 0.2937
Android (android.graphics.Color)	4279244829 (0xFF10181D)
YUV	22.1780, 3.3632, -5.4181
Hunter-Lab	9.2311, -1.4181, -1.8025




Details

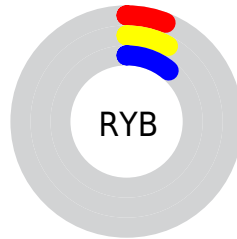
The Hex color **10181D** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **1D1510**, and the grayscale version is **161616**.




A 20% lighter version of the original color is **3A4348**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0D171D**, and if you desaturate by 10%, it is **13191D**.

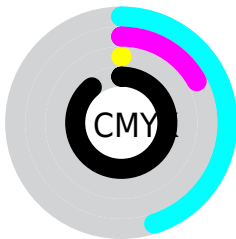
Distribution







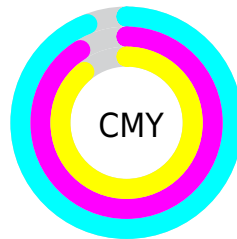
-  Red (6%)
-  Green (9%)
-  Blue (11%)






-  Red (6%)
-  Yellow (8%)
-  Blue (11%)



-  Cyan (45%)
-  Magenta (17%)
-  Yellow (0%)
-  Black (89%)



-  Cyan (94%)
-  Magenta (91%)
-  Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 10181D 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 10181D by changing the saturation by 10% instead.

■ 10181D

■ 10181D

■ F0FAFF

■ 000002

■ 3A4348

■ 000000

■ 515A60

■ 6A7279

■ 838C93

■ 9DA6AD

■ B8C1C9

■ D3DDE5

■ 10181D

■ 10181D

■ 0D171D

■ 13191D

■ 0A161D

■ 161A1D

■ 07151D

■ 191B1D

■ 04141D

■ 1C1C1D

■ 01121D

■ 1E1E1D

■ 00121D

■ 211F1D

■ 24201D

■ 27211D

■ 2A221D

Harmonies

Analogous

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



0D191B



10181D



14171E

Triad

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



10181D



1E1516



151811

Complementary

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



10181D



1D1510

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.



19170F



10181D



1E1513

Square

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



10181D



1C151A



1C1610



111914

Rectangle

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



10181D



17161D



1C1610



161810

Sweetspot

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



10181D



212426



101D15



111314



949494



141414

Same Dimension

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



10181D



121E26



10121D



0E0F0F



00314F



007FCF

Inverse Universe

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



1D1018



26121E



1D1B10



0F0E0F



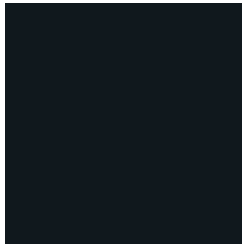
4F0031



CF007F

Previews

White Background



This preview shows how the Hex color 10181D 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

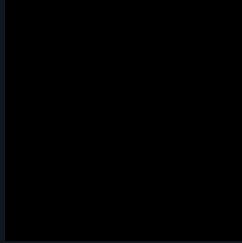
Any Text WCAG AA × Fail

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 10181D Background



This preview shows how black text looks on a background with the Hex color 10181D.



This preview shows how white text looks on a background with the Hex color 10181D.

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
10181D

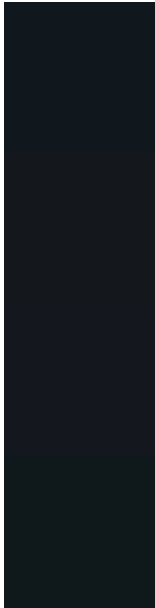
Protanopia
16171C

Deuteranopia
16171D



Tritanopia
0F181A

Trichromacy



Original Color
10181D

Protanomaly
14171C

Deuteranomaly
14171D

Tritanomaly
0F181B

Monochromacy



Original Color
10181D

Achromatopsia
161616

Achromatomaly
141719

CSS Examples

Text

The CSS property to change the color of the text to Hex 10181D 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 #10181D looks like.

```
.text, #text, p{  
    color:#10181D  
}
```

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 #10181D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10181D
}
```

Border

The CSS property to change the border of an element to Hex 10181D is called "border". The border property can be set on classes, ids or directly on the HTML element.

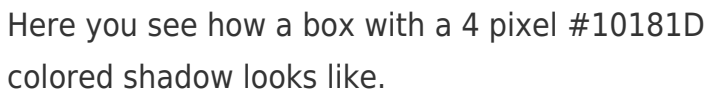
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#10181D }
```

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

```
.border{ border-color:#10181D }
```

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



Here you see how a box with a 4 pixel #10181D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10181D; -webkit-box-shadow:4px 4px  
4px 4px #10181D; box-shadow:4px 4px 4px  
4px #10181D }
```

Background

The CSS property to change the background color of an element to Hex 10181D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10181D }
```

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

```
.background{ background-color:#10181D }
```

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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