

Converting Colors

Hex(12181A)

Have a look what the booklet for
Hex(12181A) contains.

Hex(12181A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(12181A)

Conversions

Conversions Part 1

Format	Color
Hex	12181A
RGB	18, 24, 26
RGB Percent	7%, 9%, 10%
CMY	0.9294, 0.9059, 0.8980
CMYK	0.31, 0.08, 0.00, 0.90
HSL	195°, 18%, 9%
HSV	195°, 31%, 10%
XYZ	0.7625, 0.8564, 1.1024
YIQ	22.4340, -4.2180, -0.6500

Conversions

Conversions Part 2

Format	Color
R_YB	18, 21, 26
Decimal	1185818
CIE _{Lab}	7.74, -2.11, -2.34
CIE _{LCh}	8, 3.152, 228.001
Y _{xy}	0.8564, 0.2802, 0.3147
Android (android.graphics.Color)	4279375898 (0xFF12181A)
Y _{UV}	22.4340, 1.7580, -3.8886
Hunter-Lab	9.2544, -1.4874, -0.5846




Details

The Hex color **12181A** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **1A1412**, and the grayscale version is **161616**.




A 20% lighter version of the original color is **3C4345**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0F171A**, and if you desaturate by 10%, it is **15191A**.

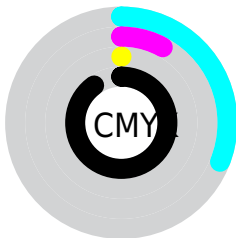
Distribution







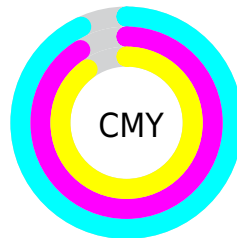
-  Red (7%)
-  Green (9%)
-  Blue (10%)






-  Red (7%)
-  Yellow (8%)
-  Blue (10%)



-  Cyan (31%)
-  Magenta (8%)
-  Yellow (0%)
-  Black (90%)



-  Cyan (93%)
-  Magenta (91%)
-  Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 12181A 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 12181A by changing the saturation by 10% instead.

■ 12181A

■ 12181A

■ F2FAFD

■ 000000

■ 3C4345

■ 535A5C

■ 6B7375

■ 858C8F

■ 9FA6A9

■ BAC1C4

■ D5DDE0

■ 12181A

■ 12181A

■ 0F171A

■ 15191A

■ 0D171A

■ 17191A

■ 0A161A

■ 1A1A1A

■ 08151A

■ 1C1B1A

■ 05151A

■ 1F1B1A

■ 02141A

■ 221C1A

■ 00141A

■ 241D1A

■ 271D1A

■ 291E1A

Harmonies

Analogous

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



121818



12181A



14171B

Triad

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



12181A



1B1618



171713

Complementary

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



12181A



1A1412

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.



1A1713



12181A



1C1616

Square

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



12181A



19161A



1B1614



151814

Rectangle

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



12181A



16171B



1B1614



181712

Sweetspot

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



12181A



1E2021



121A14



101112



919191



121212

Same Dimension

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



12181A



151E21



12141A



0B0C0D



00394D



0099CC

Inverse Universe

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



1A1218



21151E



1A1812



0D0B0C



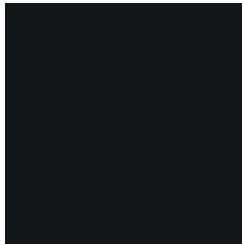
4D0039



CC0099

Previews

White Background



This preview shows how the Hex color 12181A looks on a white background.

Color Contrast Check

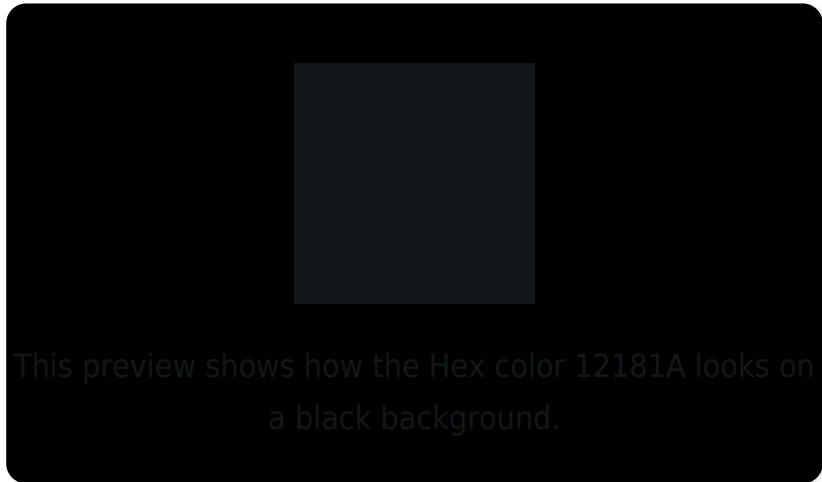
Large Text (above 18pt) WCAG AA ✓ Pass

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

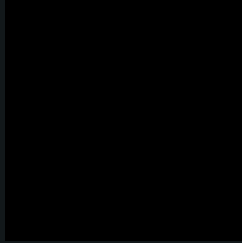
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

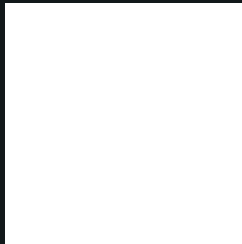
Any Text WCAG AAA × Fail

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

Hex 12181A Background



This preview shows how black text looks on a background with the Hex color 12181A.

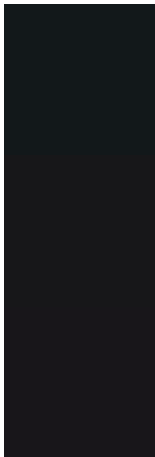


This preview shows how white text looks on a background with the Hex color 12181A.

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
12181A

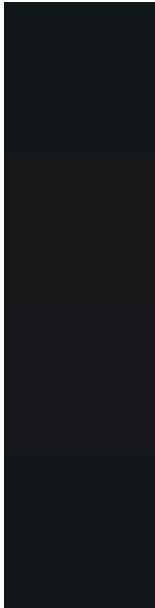
Protanopia
171719

Deuteranopia
18161A



Tritanopia
12181A

Trichromacy



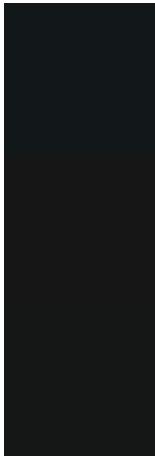
Original Color
12181A

Protanomaly
151719

Deuteranomaly
16171A

Tritanomaly
12181A

Monochromacy



Original Color
12181A

Achromatopsia
161616

Achromatomaly
151717

CSS Examples

Text

The CSS property to change the color of the text to Hex 12181A 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 #12181A looks like.

```
.text, #text, p{  
    color:#12181A  
}
```

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 #12181A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12181A
}
```

Border

The CSS property to change the border of an element to Hex 12181A 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
#12181A }
```

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

```
.border{ border-color:#12181A }
```

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

Here you see how a box with a 4 pixel #12181A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12181A; -webkit-box-shadow:4px 4px  
4px 4px #12181A; box-shadow:4px 4px 4px  
4px #12181A }
```

Background

The CSS property to change the background color of an element to Hex 12181A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12181A }
```

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

```
.background{ background-color:#12181A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor