

Converting Colors

Hex(12151F)

Have a look what the booklet for
Hex(12151F) contains.

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Color

Hex(12151F)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 12151F |
| RGB | 18, 21, 31 |
| RGB Percent | 7%, 8%, 12% |
| CMY | 0.9294, 0.9176, 0.8784 |
| CMYK | 0.42, 0.32, 0.00, 0.88 |
| HSL | 226°, 27%, 10% |
| HSV | 226°, 42%, 12% |
| XYZ | 0.7649, 0.7639, 1.4034 |
| YIQ | 21.2430, -4.9980, 2.4740 |

Conversions

Conversions Part 2

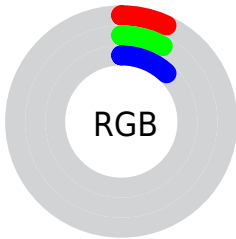
| Format | Color |
|-------------------------------------|--|
| RYB | 18, 20, 31 |
| Decimal | 1185055 |
| CIELab | 6.90, 1.59, -7.41 |
| CIELCh | 7, 7.580, 282.141 |
| Yxy | 0.7639, 0.2609, 0.2605 |
| Android (android.graphics.Color) | 4279375135 (0xFF12151F) |
| YUV | 21.2430, 4.8102, -2.8441 |
| Hunter-Lab | 8.7399, 0.3280, -3.4028 |




Details

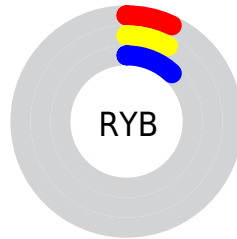
The Hex color **12151F** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **1F1C12**, and the grayscale version is **151515**.




A 20% lighter version of the original color is **3C3F4B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0F131F**, and if you desaturate by 10%, it is **15171F**.

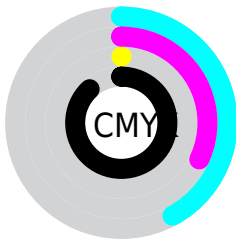
Distribution







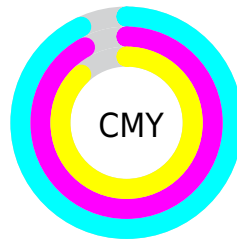
-  Red (7%)
-  Green (8%)
-  Blue (12%)






-  Red (7%)
-  Yellow (8%)
-  Blue (12%)



-  Cyan (42%)
-  Magenta (32%)
-  Yellow (0%)
-  Black (88%)



-  Cyan (93%)
-  Magenta (92%)
-  Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 12151F 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 12151F by changing the saturation by 10% instead.

■ 12151F

■ 12151F

■ F2F6FF

■ 000005

■ 3C3F4B

■ 000000

■ 535663

■ 6C6F7B

■ 858895

■ 9FA2B0

■ BABDCB

■ D6D9E8

■ 12151F

■ 12151F

■ 0F131F

■ 15171F

■ 0C101F

■ 181A1F

■ 090E1F

■ 1B1C1F

■ 060B1F

■ 1E1F1F

■ 02091F

■ 21211F

■ 00071F

■ 25231F

■ 28261F

■ 2B281F

■ 2E2A1F

Harmonies

Analogous

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



0A171F



12151F



19131D

Triad

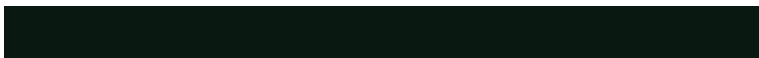
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



12151F



1F120D



091811

Complementary

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



12151F



1F1C12

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.



11170B



12151F



1D1408

Square

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



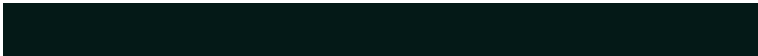
12151F



201113



181607



041917

Rectangle

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



12151F



1C121A



181607



0C180F

Sweetspot

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



12151F



232529



121F1C



111214



949494



141414

Same Dimension

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



12151F



141929



15121F



0E0E0F



00124F



0030CF

Inverse Universe

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



1F1215



291419



1C1F12



0F0E0E



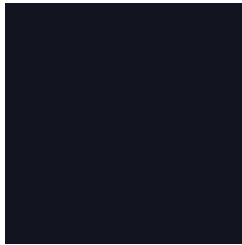
4F0012



CF0030

Previews

White Background



This preview shows how the Hex color 12151F looks on a white background.

Color Contrast Check

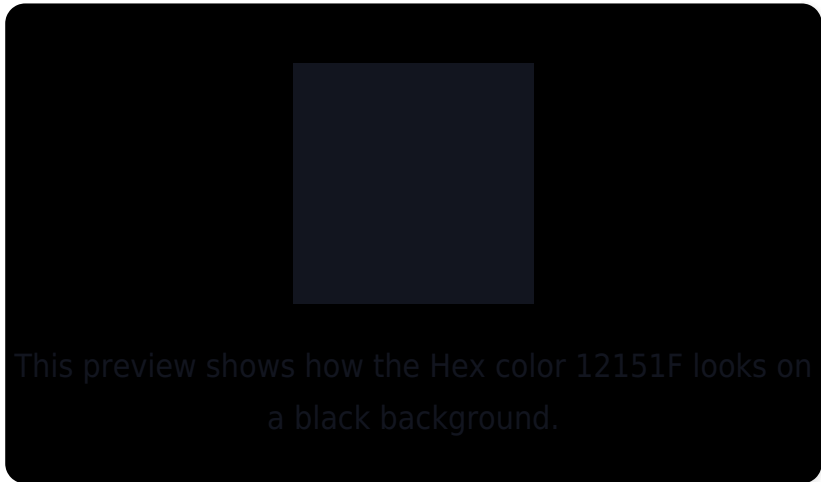
Large Text (above 18pt) WCAG AA ✓ Pass

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

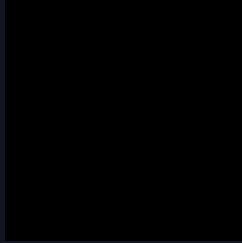
Any Text WCAG AA × Fail

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 12151F Background



This preview shows how black text looks on a background with the Hex color 12151F.



This preview shows how white text looks on a background with the Hex color 12151F.

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
12151F

Protanopia
12151F

Deuteranopia
11151F



Tritanopia
101618

Trichromacy



Original Color
12151F

Protanomaly
12151F

Deuteranomaly
11151F

Tritanomaly
11161B

Monochromacy



Original Color
12151F

Achromatopsia
151515

Achromatomaly
141519

CSS Examples

Text

The CSS property to change the color of the text to Hex 12151F 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 #12151F looks like.

```
.text, #text, p{  
    color:#12151F  
}
```

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 #12151F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12151F
}
```

Border

The CSS property to change the border of an element to Hex 12151F is called "border". The border property can be set on classes, ids or directly on the HTML element.

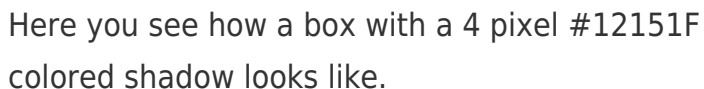
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#12151F }
```

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

```
.border{ border-color:#12151F }
```

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



Here you see how a box with a 4 pixel #12151F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12151F; -webkit-box-shadow:4px 4px  
4px 4px #12151F; box-shadow:4px 4px 4px  
4px #12151F }
```

Background

The CSS property to change the background color of an element to Hex 12151F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12151F }
```

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

```
.background{ background-color:#12151F }
```

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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