

Converting Colors

Hex(12061F)

Have a look what the booklet for
Hex(12061F) contains.

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Color

Hex(12061F)

Conversions

Conversions Part 1

Format	Color
Hex	12061F
RGB	18, 6, 31
RGB Percent	7%, 2%, 12%
CMY	0.9294, 0.9765, 0.8784
CMYK	0.42, 0.81, 0.00, 0.88
HSL	269°, 68%, 7%
HSV	269°, 81%, 12%
XYZ	0.5619, 0.3578, 1.3358
YIQ	12.4380, -0.8730, 10.3190

Conversions

Conversions Part 2

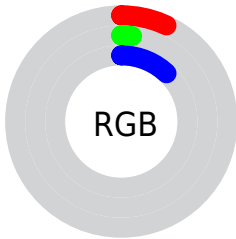
Format	Color
RYB	18, 6, 31
Decimal	1181215
CIELab	3.23, 9.09, -12.97
CIELCh	3, 15.836, 305.021
Yxy	0.3578, 0.2491, 0.1586
Android (android.graphics.Color)	4279371295 (0xFF12061F)
YUV	12.4380, 9.1511, 4.8779
Hunter-Lab	5.9814, 6.3009, -9.0535

Details

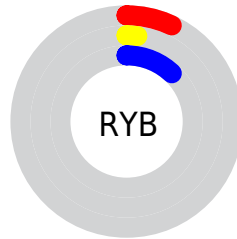
The Hex color **12061F** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **131F06**, and the grayscale version is **0C0C0C**.

A 20% lighter version of the original color is **3B344B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **10031F**, and if you desaturate by 10%, it is **14091F**.

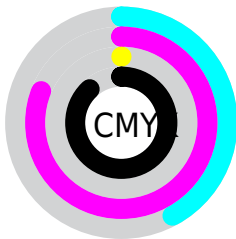
Distribution



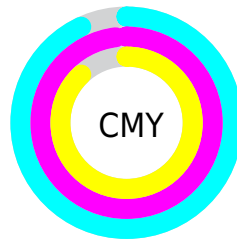
- Red (7%)
- Green (2%)
- Blue (12%)



- Red (7%)
- Yellow (2%)
- Blue (12%)



- Cyan (42%)
- Magenta (81%)
- Yellow (0%)
- Black (88%)



- Cyan (93%)
- Magenta (98%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 12061F 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 12061F by changing the saturation by 10% instead.

■ 12061F

■ 12061F

■ F2E7FF

■ 000003

■ 3B344B

■ 000000

■ 534A63

■ 6B627C

■ 847B95

■ 9F95B0

■ BAAFCC

■ D5CBE8

■ 12061F

■ 12061F

■ 10031F

■ 14091F

■ 0F001F

■ 150C1F

■ 170F1F

■ 18121F

■ 1A161F

■ 1C191F

■ 1D1C1F

■ 1F1F1F

■ 21221F

Harmonies

Analogous

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



000C22



12061F



1D0117

Triad

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



12061F



1B0600



00140E

Complementary

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



12061F



131F06

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.



001300



12061F



0E0C00

Square

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



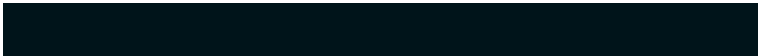
12061F



220100



001100



00141A

Rectangle

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



12061F



21000F



001100



001408

Sweetspot

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



12061F



241F29



06131F



110E14



949494



141414

Same Dimension

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



12061F



140129



1E061F



0F0E0F



26004F



6300CF

Inverse Universe

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



1F0613



290116



071F06



0F0E0F



4F0029



CF006B

Previews

White Background



This preview shows how the Hex color 12061F looks on a white background.

Color Contrast Check

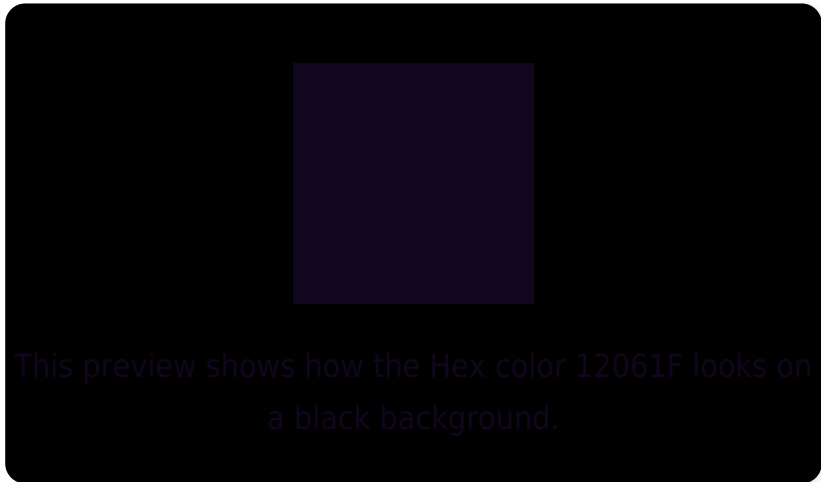
Large Text (above 18pt) WCAG AA ✓ Pass

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

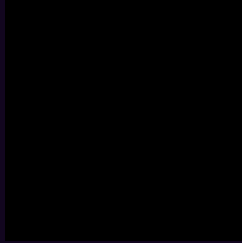
Any Text WCAG AA × Fail

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 12061F Background



This preview shows how black text looks on a background with the Hex color 12061F.



This preview shows how white text looks on a background with the Hex color 12061F.

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
12061F

Protanopia
000D1B

Deuteranopia
000E18

Trichromacy



Original Color
12061F

Protanomaly
070A1C

Deuteranomaly
070B1B

Tritanomaly
0F0A14

Monochromacy



Original Color
12061F

Achromatopsia
0C0C0C

Achromatomaly
0E0A13

CSS Examples

Text

The CSS property to change the color of the text to Hex 12061F 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 #12061F looks like.

```
.text, #text, p{  
    color:#12061F  
}
```

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 #12061F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12061F
}
```

Border

The CSS property to change the border of an element to Hex 12061F 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
#12061F }
```

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

```
.border{ border-color:#12061F }
```

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

Here you see how a box with a 4 pixel #12061F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12061F; -webkit-box-shadow:4px 4px  
4px 4px #12061F; box-shadow:4px 4px 4px  
4px #12061F }
```

Background

The CSS property to change the background color of an element to Hex 12061F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12061F }
```

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

```
.background{ background-color:#12061F }
```

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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