

Converting Colors

Hex(10121E)

Have a look what the booklet for
Hex(10121E) contains.

Hex(10121E)	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(10121E)

Conversions

Conversions Part 1

Format	Color
Hex	10121E
RGB	16, 18, 30
RGB Percent	6%, 7%, 12%
CMY	0.9373, 0.9294, 0.8824
CMYK	0.47, 0.40, 0.00, 0.88
HSL	231°, 30%, 9%
HSV	231°, 47%, 12%
XYZ	0.6643, 0.6365, 1.3161
YIQ	18.7700, -5.0440, 3.3080

Conversions

Conversions Part 2

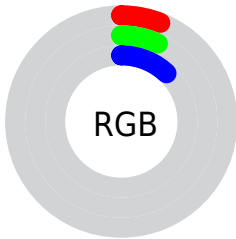
Format	Color
RYB	16, 18, 30
Decimal	1053214
CIELab	5.75, 2.43, -8.40
CIElCh	6, 8.745, 286.142
Yxy	0.6365, 0.2539, 0.2432
Android (android.graphics.Color)	4279243294 (0xFF10121E)
YUV	18.7700, 5.5364, -2.4293
Hunter-Lab	7.9782, 0.9018, -4.1962

Details

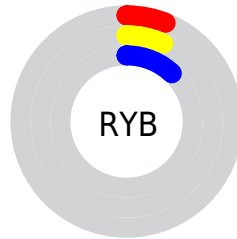
The Hex color **10121E** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **1E1C10**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **3A3C4A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0D0F1E**, and if you desaturate by 10%, it is **13151E**.

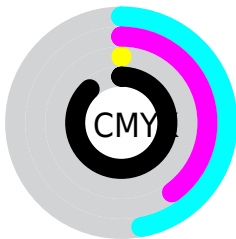
Distribution



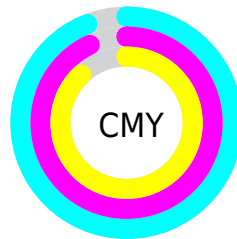
- Red (6%)
- Green (7%)
- Blue (12%)



- Red (6%)
- Yellow (7%)
- Blue (12%)



- Cyan (47%)
- Magenta (40%)
- Yellow (0%)
- Black (88%)



- Cyan (94%)
- Magenta (93%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 10121E 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 10121E by changing the saturation by 10% instead.

■ 10121E

■ 10121E

■ F0F2FF

■ 000003

■ 3A3C4A

■ 000000

■ 515361

■ 6A6C7A

■ 838594

■ 9D9FAF

■ B8BACA

■ D3D6E6

■ 10121E

■ 10121E

■ 0D0F1E

■ 13151E

■ 0A0D1E

■ 16171E

■ 070A1E

■ 191A1E

■ 04081E

■ 1C1C1E

■ 01051E

■ 1F1F1E

■ 00041E

■ 22211E

■ 25241E

■ 28271E

■ 2B291E

Harmonies

Analogous

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



05141E



10121E



18101B

Triad

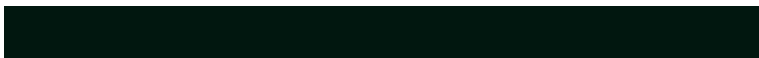
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



10121E



1F0F06



01170F

Complementary

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



10121E



1E1C10

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.



0B1506



10121E



1B1100

Square

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



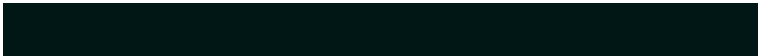
10121E



1F0E0F



151300



001716

Rectangle

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



10121E



1C0E18



151300



04160C

Sweetspot

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



10121E



212226



101E1C



111114



949494



141414

Same Dimension

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



10121E



111426



15101E



0E0E0F



000B4F



001ECF

Inverse Universe

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



1E1012



261114



191E10



0F0E0E



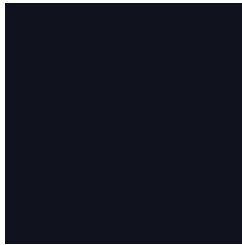
4F000B



CF001E

Previews

White Background



This preview shows how the Hex color 10121E looks on a white background.

Color Contrast Check

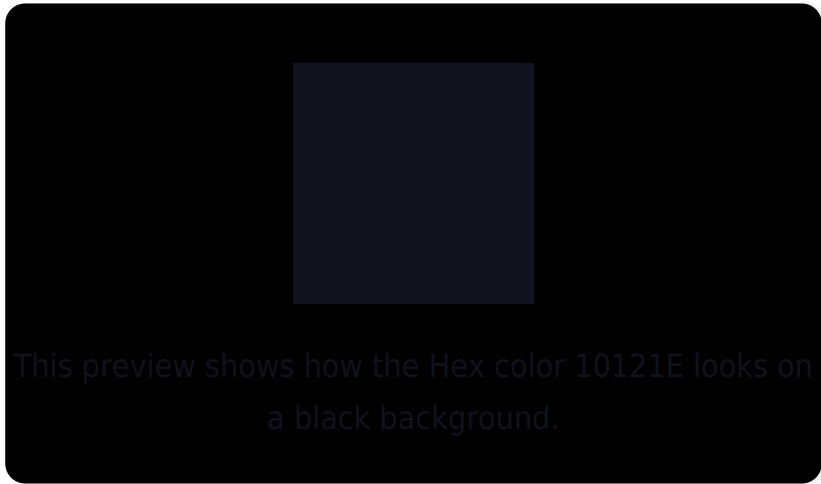
Large Text (above 18pt) WCAG AA ✓ Pass

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

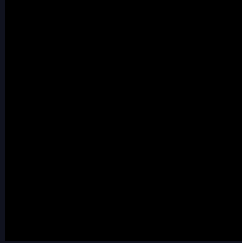
Any Text WCAG AA × Fail

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 10121E Background



This preview shows how black text looks on a background with the Hex color 10121E.



This preview shows how white text looks on a background with the Hex color 10121E.

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](#).

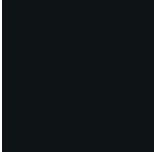
Dichromacy



Original Color
10121E

Protanopia
0E121E

Deuteranopia
0D131E



Tritanopia
0E1415

Trichromacy



Original Color
10121E

Protanomaly
0F121E

Deuteranomaly
0E131E

Tritanomaly
0F1318

Monochromacy



Original Color
10121E

Achromatopsia
131313

Achromatomaly
121317

CSS Examples

Text

The CSS property to change the color of the text to Hex 10121E 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 #10121E looks like.

```
.text, #text, p{  
    color:#10121E  
}
```

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 #10121E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10121E
}
```

Border

The CSS property to change the border of an element to Hex 10121E is called "border". The border property can be set on classes, ids or directly on the HTML element.

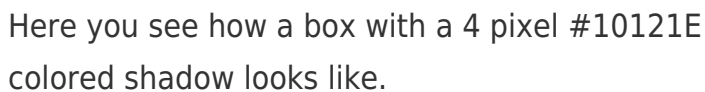
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#10121E }
```

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

```
.border{ border-color:#10121E }
```

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



Here you see how a box with a 4 pixel #10121E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10121E; -webkit-box-shadow:4px 4px  
4px 4px #10121E; box-shadow:4px 4px 4px  
4px #10121E }
```

Background

The CSS property to change the background color of an element to Hex 10121E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10121E }
```

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

```
.background{ background-color:#10121E }
```

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