

Converting Colors

Hex(121719)

Have a look what the booklet for
Hex(121719) contains.

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Color

Hex(121719)

Conversions

Conversions Part 1

Format	Color
Hex	121719
RGB	18, 23, 25
RGB Percent	7%, 9%, 10%
CMY	0.9294, 0.9098, 0.9020
CMYK	0.28, 0.08, 0.00, 0.90
HSL	197°, 16%, 8%
HSV	197°, 28%, 10%
XYZ	0.7313, 0.8116, 1.0378
YIQ	21.7330, -3.6220, -0.4380

Conversions

Conversions Part 2

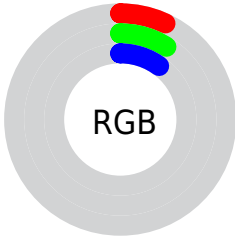
Format	Color
R_YB	18, 21, 25
Decimal	1185561
CIE _{Lab}	7.33, -1.64, -2.18
CIE _{LCh}	7, 2.728, 233.017
Yxy	0.8116, 0.2834, 0.3145
Android (android.graphics.Color)	4279375641 (0xFF121719)
YUV	21.7330, 1.6106, -3.2738
Hunter-Lab	9.0088, -1.2750, -0.5241

Details

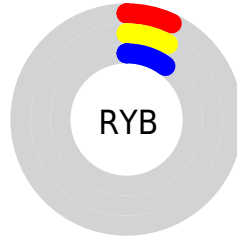
The Hex color **121719** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **191412**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **3C4144**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **101619**, and if you desaturate by 10%, it is **151819**.

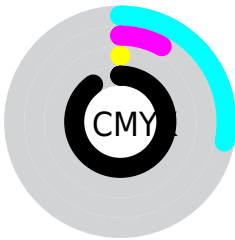
Distribution



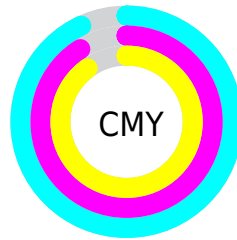
- Red (7%)
- Green (9%)
- Blue (10%)



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



- Cyan (28%)
- Magenta (8%)
- Yellow (0%)
- Black (90%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 121719 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 121719 by changing the saturation by 10% instead.

■ 121719

■ 121719

■ F2F8FB

■ 000000

■ 3C4144

■ 53595B

■ 6B7174

■ 858B8D

■ 9FA5A8

■ BAC0C3

■ D5DCDF

■ 121719

■ 121719

■ 101619

■ 151819

■ 0D1619

■ 171819

■ 0B1519

■ 1A1919

■ 081419

■ 1C1A19

■ 061319

■ 1F1B19

■ 031319

■ 211B19

■ 011219

■ 241C19

■ 001219

■ 261D19

■ 291D19

Harmonies

Analogous

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



111718



121719



14161A

Triad

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



121719



1A1517



161712

Complementary

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



121719



191412

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.



181612



121719



1A1515

Square

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



121719



181518



1A1513



141714

Rectangle

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



121719



15161A



1A1513



171612

Sweetspot

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



121719



1E2021



121914



101112



919191



121212

Same Dimension

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



121719



161E21



121419



0B0C0D



00374D



0092CC

Inverse Universe

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



191217



21161E



191712



0D0B0C



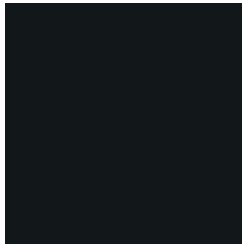
4D0037



CC0092

Previews

White Background



This preview shows how the Hex color 121719 looks on a white background.

Color Contrast Check

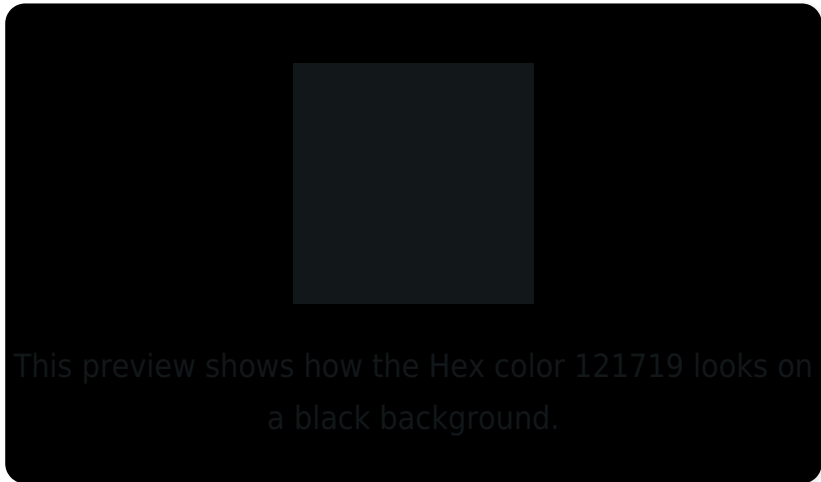
Large Text (above 18pt) WCAG AA ✓ Pass

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

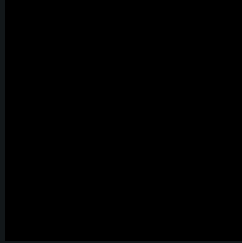
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

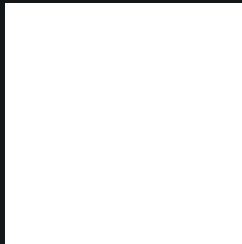
Any Text WCAG AAA × Fail

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

Hex 121719 Background



This preview shows how black text looks on a background with the Hex color 121719.

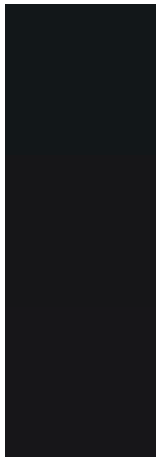


This preview shows how white text looks on a background with the Hex color 121719.

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
121719

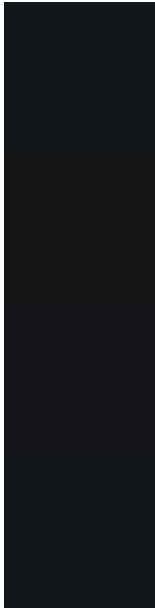
Protanopia
161618

Deuteranopia
171619



Tritanopia
121719

Trichromacy



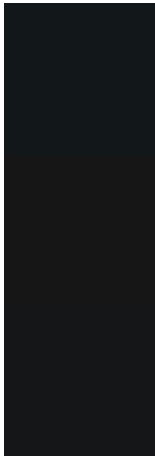
Original Color
121719

Protanomaly
151618

Deuteranomaly
151619

Tritanomaly
121719

Monochromacy



Original Color
121719

Achromatopsia
161616

Achromatomaly
151617

CSS Examples

Text

The CSS property to change the color of the text to Hex 121719 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 #121719 looks like.

```
.text, #text, p{  
    color:#121719  
}
```

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 #121719 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #121719
}
```

Border

The CSS property to change the border of an element to Hex 121719 is called "border". The border property can be set on classes, ids or directly on the HTML element.

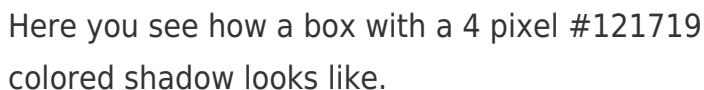
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#121719 }
```

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

```
.border{ border-color:#121719 }
```

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



Here you see how a box with a 4 pixel #121719 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #121719; -webkit-box-shadow:4px 4px  
4px 4px #121719; box-shadow:4px 4px 4px  
4px #121719 }
```

Background

The CSS property to change the background color of an element to Hex 121719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#121719 }
```

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

```
.background{ background-color:#121719 }
```

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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