

Converting Colors

Hex(121318)

Have a look what the booklet for
Hex(121318) contains.

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Color

Hex(121318)

Conversions

Conversions Part 1

Format	Color
Hex	121318
RGB	18, 19, 24
RGB Percent	7%, 7%, 9%
CMY	0.9294, 0.9255, 0.9059
CMYK	0.25, 0.21, 0.00, 0.91
HSL	230°, 14%, 8%
HSV	230°, 25%, 9%
XYZ	0.6472, 0.6603, 0.9575
YIQ	19.2710, -2.2010, 1.3430

Conversions

Conversions Part 2

Format	Color
RYB	18, 19, 24
Decimal	1184536
CIELab	5.96, 0.80, -3.41
CIElCh	6, 3.505, 283.248
Yxy	0.6603, 0.2857, 0.2915
Android (android.graphics.Color)	4279374616 (0xFF121318)
YUV	19.2710, 2.3314, -1.1147
Hunter-Lab	8.1258, -0.0032, -1.2982

Details

The Hex color **121318** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **181712**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **3C3D43**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **101118**, and if you desaturate by 10%, it is **141518**.

Distribution



Red (7%)

Green (7%)

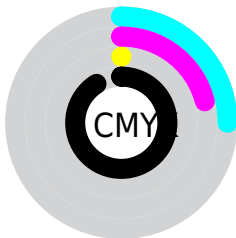
Blue (9%)



Red (7%)

Yellow (7%)

Blue (9%)

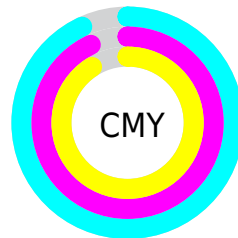


Cyan (25%)

Magenta (21%)

Yellow (0%)

Black (91%)



Cyan (93%)

Magenta (93%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 121318 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 121318 by changing the saturation by 10% instead.

■ 121318

■ 121318

■ F2F3FA

■ 000000

■ 3C3D43

■ 53545A

■ 6B6D72

■ 85868C

■ 9FA0A6

■ BABBC1

■ D5D7DD

■ 121318

■ 121318

■ 101118

■ 141518

■ 0D0F18

■ 171718

■ 0B0D18

■ 191918

■ 080B18

■ 1C1B18

■ 060918

■ 1E1D18

■ 040718

■ 201F18

■ 010518

■ 232118

■ 000418

■ 252318

■ 282518

Harmonies

Analogous

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



0F1418



121318



151217

Triad

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



121318



19120F



0E1511

Complementary

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



121318



181712

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.



11140F



121318



17120D

Square

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



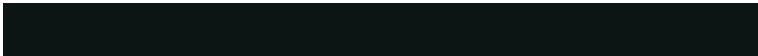
121318



191112



14130D



0C1514

Rectangle

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



121318



171216



14130D



0F1511

Sweetspot

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



121318



1C1D1F



121817



0E0E0F



8F8F8F



0F0F0F

Same Dimension

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



121318



15171F



141218



0B0C0D



000D4D



0022CC

Inverse Universe

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



181213



1F1517



161812



0D0B0C



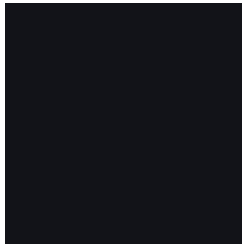
4D000D



CC0022

Previews

White Background



This preview shows how the Hex color 121318 looks on a white background.

Color Contrast Check

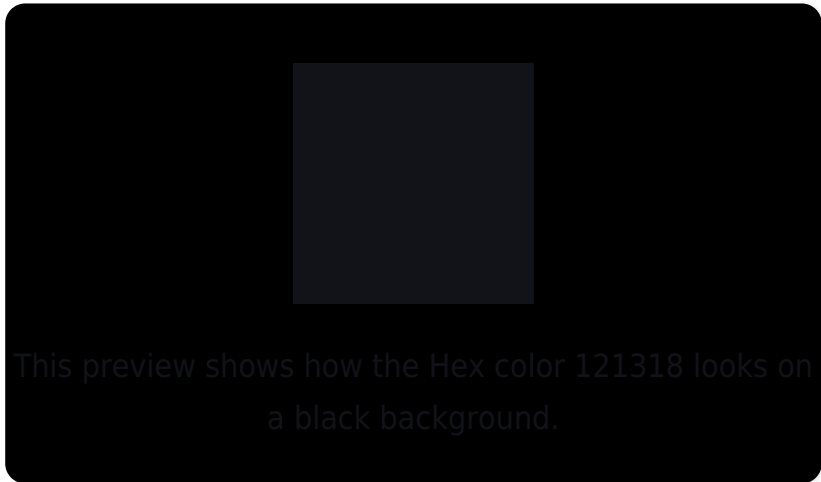
Large Text (above 18pt) WCAG AA ✓ Pass

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

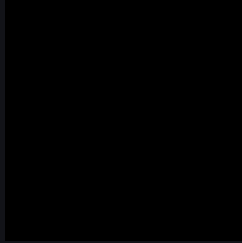
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

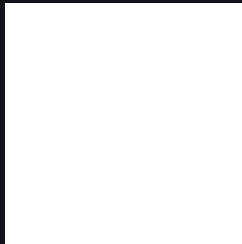
Any Text WCAG AAA × Fail

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

Hex 121318 Background



This preview shows how black text looks on a background with the Hex color 121318.



This preview shows how white text looks on a background with the Hex color 121318.

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](#).

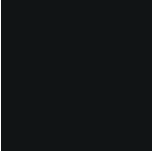
Dichromacy



Original Color
121318

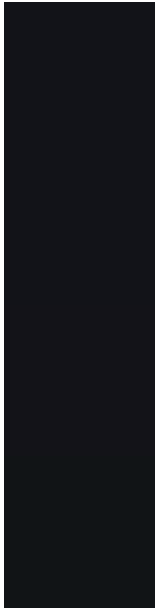
Protanopia
121318

Deuteranopia
131318



Tritanopia
111415

Trichromacy



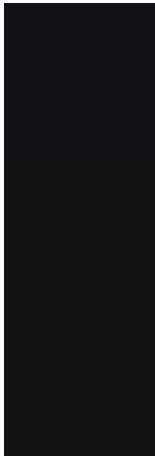
Original Color
121318

Protanomaly
121318

Deuteranomaly
131318

Tritanomaly
111416

Monochromacy



Original Color
121318

Achromatopsia
131313

Achromatomaly
131315

CSS Examples

Text

The CSS property to change the color of the text to Hex 121318 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 #121318 looks like.

```
.text, #text, p{  
    color:#121318  
}
```

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 #121318 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #121318
}
```

Border

The CSS property to change the border of an element to Hex 121318 is called "border". The border property can be set on classes, ids or directly on the HTML element.

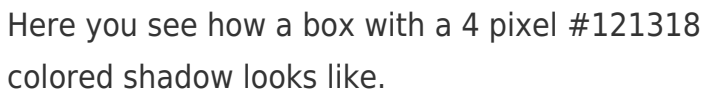
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#121318 }
```

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

```
.border{ border-color:#121318 }
```

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



Here you see how a box with a 4 pixel #121318 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #121318; -webkit-box-shadow:4px 4px  
4px 4px #121318; box-shadow:4px 4px 4px  
4px #121318 }
```

Background

The CSS property to change the background color of an element to Hex 121318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#121318 }
```

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

```
.background{ background-color:#121318 }
```

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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