

Converting Colors

Hex(131920)

Have a look what the booklet for
Hex(131920) contains.

Hex(131920)	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(131920)

Conversions

Conversions Part 1

Format	Color
Hex	131920
RGB	19, 25, 32
RGB Percent	7%, 10%, 13%
CMY	0.9255, 0.9020, 0.8745
CMYK	0.41, 0.22, 0.00, 0.87
HSL	212°, 25%, 10%
HSV	212°, 41%, 13%
XYZ	0.8769, 0.9380, 1.5013
YIQ	24.0040, -5.8230, 0.9050

Conversions

Conversions Part 2

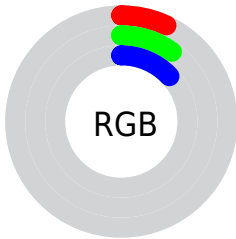
Format	Color
R_{YB}	19, 23, 32
Decimal	1251616
CIE _{Lab}	8.46, -0.58, -5.78
CIE _{LCh}	8, 5.809, 264.268
Yxy	0.9380, 0.2644, 0.2828
Android (android.graphics.Color)	4279441696 (0xFF131920)
YUV	24.0040, 3.9420, -4.3885
Hunter-Lab	9.6850, -0.7870, -2.4114

Details

The Hex color **131920** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **201A13**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **3D444C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **101720**, and if you desaturate by 10%, it is **161B20**.

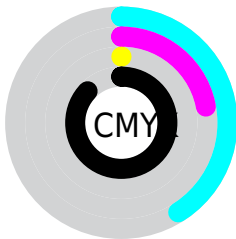
Distribution



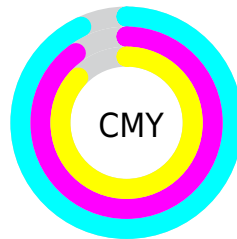
- Red (7%)
- Green (10%)
- Blue (13%)



- Red (7%)
- Yellow (9%)
- Blue (13%)



- Cyan (41%)
- Magenta (22%)
- Yellow (0%)
- Black (87%)



- Cyan (93%)
- Magenta (90%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 131920 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 131920 by changing the saturation by 10% instead.

■ 131920

■ 131920

■ F4FBFF

■ 000008

■ 3D444C

■ 000000

■ 555B64

■ 6D747D

■ 868D97

■ A1A8B1

■ BCC3CD

■ D7DFE9

■ 131920

■ 131920

■ 101720

■ 161B20

■ 0D1620

■ 191C20

■ 091420

■ 1D1E20

■ 061220

■ 202020

■ 031020

■ 232220

■ 000F20

■ 262320

■ 292520

■ 2D2720

■ 302920

Harmonies

Analogous

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



0F1A1F



131920



18181F

Triad

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



131920



201615



141A14

Complementary

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



131920



201A13

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.



181911



131920



1F1712

Square

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



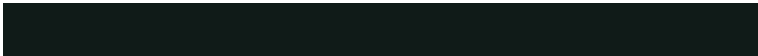
131920



201619



1C1810



101B18

Rectangle

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



131920



1B171E



1C1810



151A12

Sweetspot

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



131920



242629



13201A



121314



949494



141414

Same Dimension

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



131920



151E29



131320



0E0E0F



00244F



005FCF

Inverse Universe

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



201319



29151E



202013



0F0E0E



4F0024



CF005F

Previews

White Background



This preview shows how the Hex color 131920 looks on a white background.

Color Contrast Check

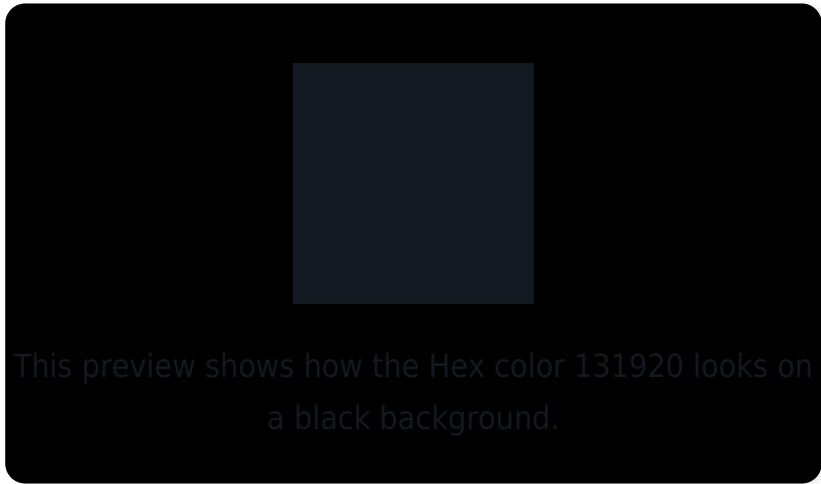
Large Text (above 18pt) WCAG AA ✓ Pass

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

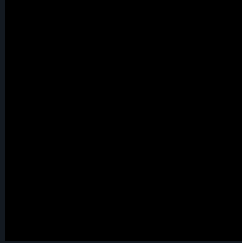
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

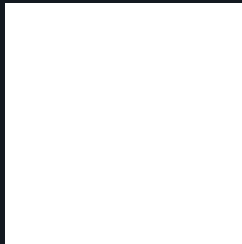
Any Text WCAG AAA × Fail

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

Hex 131920 Background



This preview shows how black text looks on a background with the Hex color 131920.

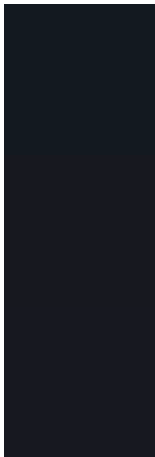


This preview shows how white text looks on a background with the Hex color 131920.

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
131920

Protanopia
17181F

Deuteranopia
171820

Trichromacy



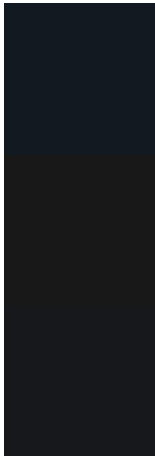
Original Color
131920

Protanomaly
16181F

Deuteranomaly
161820

Tritanomaly
121A1D

Monochromacy



Original Color
131920

Achromatopsia
181818

Achromatomaly
16181B

CSS Examples

Text

The CSS property to change the color of the text to Hex 131920 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 #131920 looks like.

```
.text, #text, p{  
    color:#131920  
}
```

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 #131920 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #131920
}
```

Border

The CSS property to change the border of an element to Hex 131920 is called "border". The border property can be set on classes, ids or directly on the HTML element.

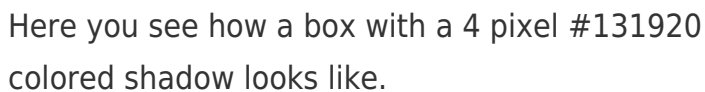
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#131920 }
```

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

```
.border{ border-color:#131920 }
```

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



Here you see how a box with a 4 pixel #131920 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #131920; -webkit-box-shadow:4px 4px  
4px 4px #131920; box-shadow:4px 4px 4px  
4px #131920 }
```

Background

The CSS property to change the background color of an element to Hex 131920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#131920 }
```

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

```
.background{ background-color:#131920 }
```

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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