

Converting Colors

Hex(20131C)

Have a look what the booklet for
Hex(20131C) contains.

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Color

Hex(20131C)

Conversions

Conversions Part 1

Format	Color
Hex	20131C
RGB	32, 19, 28
RGB Percent	13%, 7%, 11%
CMY	0.8745, 0.9255, 0.8902
CMYK	0.00, 0.41, 0.12, 0.87
HSL	318°, 25%, 10%
HSV	318°, 41%, 13%
XYZ	1.0381, 0.8567, 1.2092
YIQ	23.9130, 4.8590, 5.5550

Conversions

Conversions Part 2

Format	Color
R_YB	32, 19, 28
Decimal	2102044
CIE Lab	7.74, 8.62, -3.69
CIE LCh	8, 9.376, 336.796
Yxy	0.8567, 0.3344, 0.2760
Android (android.graphics.Color)	4280292124 (0xFF20131C)
YUV	23.9130, 2.0149, 7.0923
Hunter-Lab	9.2556, 3.8238, -1.2673

Details

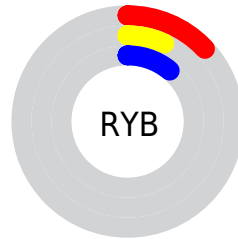
The Hex color **20131C** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **132017**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **4C3D47**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **20101B**, and if you desaturate by 10%, it is **20161D**.

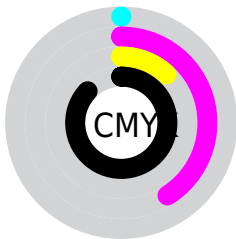
Distribution



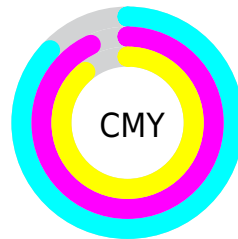
- Red (13%)
- Green (7%)
- Blue (11%)



- Red (13%)
- Yellow (7%)
- Blue (11%)



- Cyan (0%)
- Magenta (41%)
- Yellow (12%)
- Black (87%)



- Cyan (87%)
- Magenta (93%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 20131C 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 20131C by changing the saturation by 10% instead.

■ 20131C

■ 20131C

■ FFF3FF

■ 000000

■ 4C3D47

■ 64545F

■ 7D6D78

■ 978691

■ B2A0AC

■ CDBBC7

■ EAD7E3

■ 20131C

■ 20131C

■ 20101B

■ 20161D

■ 200D1A

■ 20191E

■ 200919

■ 201D1F

■ 200618

■ 202020

■ 200317

■ 202321

■ 200016

■ 202622

■ 202923

■ 202D24

■ 203025

Harmonies

Analogous

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



1A1521



20131C



231216

Triad

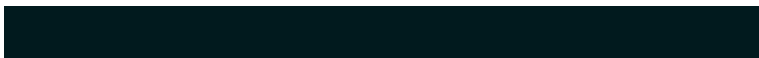
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



20131C



1B1706



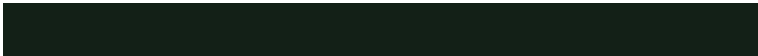
011A1E

Complementary

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



20131C



132017

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.



031B18



20131C



13190A

Square

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



20131C



201507



0A1A11



071922

Rectangle

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



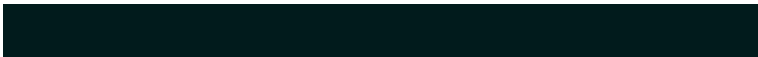
20131C



231311



0A1A11



011B1C

Sweetspot

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



20131C



292427



171320



141214



949494



141414

Same Dimension

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



20131C



291523



201316



0F0E0F



4F0037



CF008F

Inverse Universe

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



20131C



291523



13201D



0F0E0F



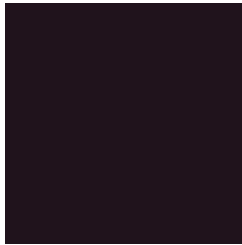
4F0037



CF008F

Previews

White Background



This preview shows how the Hex color 20131C looks on a white background.

Color Contrast Check

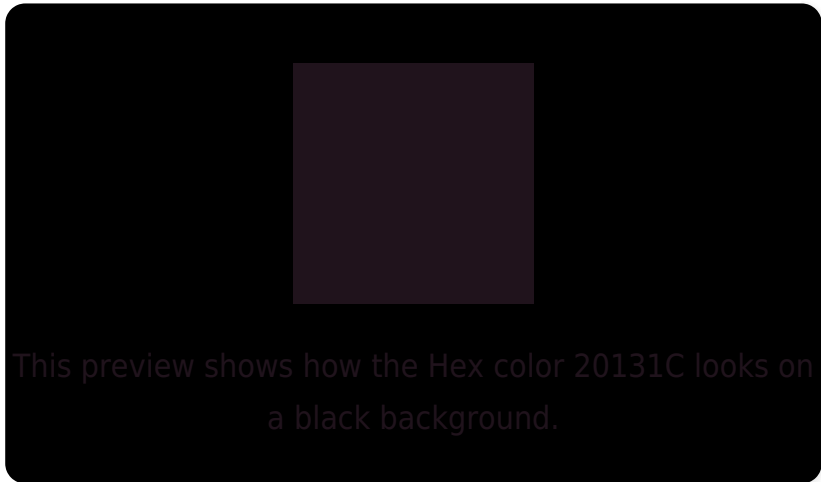
Large Text (above 18pt) WCAG AA ✓ Pass

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

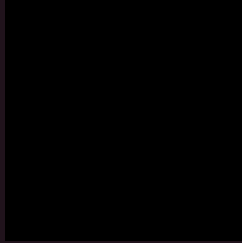
Any Text WCAG AA × Fail

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 20131C Background



This preview shows how black text looks on a background with the Hex color 20131C.

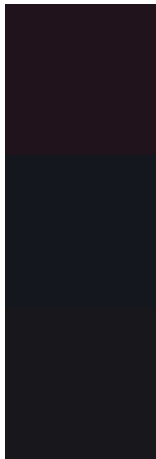


This preview shows how white text looks on a background with the Hex color 20131C.

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](#).

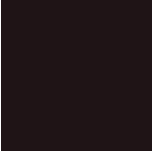
Dichromacy



Original Color
20131C

Protanopia
15171F

Deuteranopia
18171B



Tritanopia
1F1416

Trichromacy



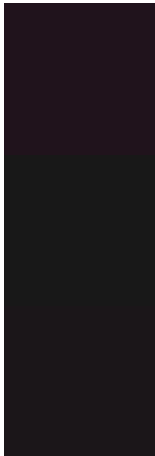
Original Color
20131C

Protanomaly
19161E

Deuteranomaly
1B161B

Tritanomaly
1F1418

Monochromacy



Original Color
20131C

Achromatopsia
181818

Achromatomaly
1B1619

CSS Examples

Text

The CSS property to change the color of the text to Hex 20131C 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 #20131C looks like.

```
.text, #text, p{  
    color:#20131C  
}
```

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 #20131C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20131C
}
```

Border

The CSS property to change the border of an element to Hex 20131C is called "border". The border property can be set on classes, ids or directly on the HTML element.

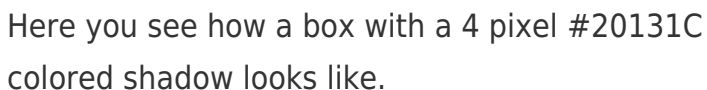
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#20131C }
```

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

```
.border{ border-color:#20131C }
```

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



Here you see how a box with a 4 pixel #20131C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20131C; -webkit-box-shadow:4px 4px  
4px 4px #20131C; box-shadow:4px 4px 4px  
4px #20131C }
```

Background

The CSS property to change the background color of an element to Hex 20131C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20131C }
```

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

```
.background{ background-color:#20131C }
```

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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