

Converting Colors

Hex(21081B)

Have a look what the booklet for
Hex(21081B) contains.

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Color

Hex(21081B)

Conversions

Conversions Part 1

Format	Color
Hex	21081B
RGB	33, 8, 27
RGB Percent	13%, 3%, 11%
CMY	0.8706, 0.9686, 0.8941
CMYK	0.00, 0.76, 0.18, 0.87
HSL	314°, 61%, 8%
HSV	314°, 76%, 13%
XYZ	0.9119, 0.5761, 1.1001
YIQ	17.6410, 8.8010, 11.2090

Conversions

Conversions Part 2

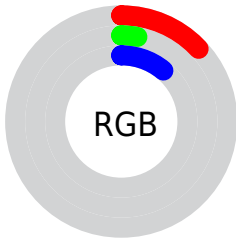
Format	Color
RYB	33, 8, 27
Decimal	2164763
CIELab	5.20, 14.85, -6.68
CIElCh	5, 16.278, 335.783
Yxy	0.5761, 0.3523, 0.2226
Android (android.graphics.Color)	4280354843 (0xFF21081B)
YUV	17.6410, 4.6140, 13.4698
Hunter-Lab	7.5903, 8.1610, -3.2796

Details

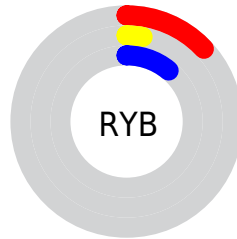
The Hex color **21081B** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **08210E**, and the grayscale version is **121212**.

A 20% lighter version of the original color is **4D3446**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **21051A**, and if you desaturate by 10%, it is **210B1C**.

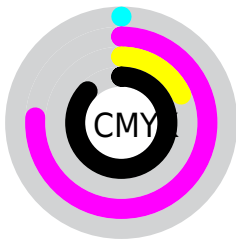
Distribution



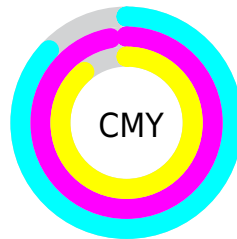
- Red (13%)
- Green (3%)
- Blue (11%)



- Red (13%)
- Yellow (3%)
- Blue (11%)



- Cyan (0%)
- Magenta (76%)
- Yellow (18%)
- Black (87%)




- Cyan (87%)
- Magenta (97%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21081B 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 21081B by changing the saturation by 10% instead.

 21081B

 21081B

 FFE8FE

 000000

 4D3446

 664B5E

 7F6376

 997C90

 B496AB

 CFB0C6

 ECCCE2

 21081B

 21081B

■ 21051A

■ 210B1C

■ 210119

■ 210F1D

■ 210019

■ 21121D

■ 21151E

■ 21191F

■ 211C20

■ 211F21

■ 212221

■ 212622

Harmonies

Analogous

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



160D23



21081B



26060F

Triad

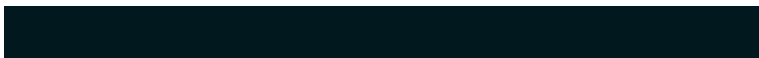
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



21081B



151200



00181E

Complementary

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



21081B



08210E

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.



001914



21081B



041500

Square

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



21081B



200D00



001802



001625

Rectangle

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



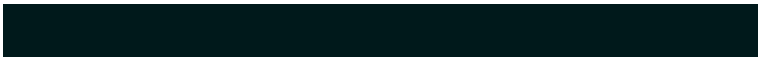
21081B



270702



001802



00191B

Sweetspot

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



21081B



2B2129



0E0821



171115



969696



171717

Same Dimension

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



21081B



2B0422



21080F



0F0E0F



4F003C



CF009D

Inverse Universe

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



21081B



2B0422



08211A



0F0E0F



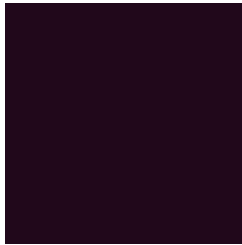
4F003C



CF009D

Previews

White Background



This preview shows how the Hex color 21081B looks on a white background.

Color Contrast Check

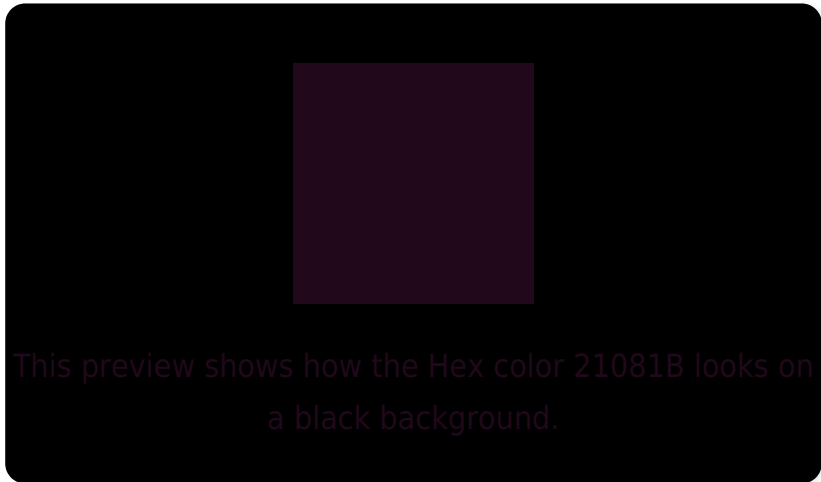
Large Text (above 18pt) WCAG AA ✓ Pass

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

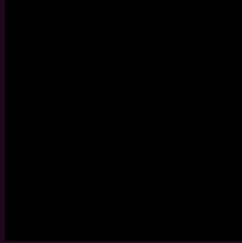
Any Text WCAG AA × Fail

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 21081B Background



This preview shows how black text looks on a background with the Hex color 21081B.



This preview shows how white text looks on a background with the Hex color 21081B.

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](#).

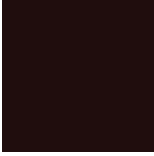
Dichromacy



Original Color
21081B

Protanopia
0A1324

Deuteranopia
11131A



Tritanopia
200D0D

Trichromacy



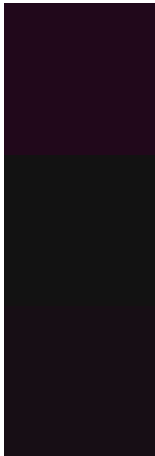
Original Color
21081B

Protanomaly
120F21

Deuteranomaly
170F1A

Tritanomaly
200B12

Monochromacy



Original Color
21081B

Achromatopsia
121212

Achromatomaly
170E15

CSS Examples

Text

The CSS property to change the color of the text to Hex 21081B 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 #21081B looks like.

```
.text, #text, p{  
    color:#21081B  
}
```

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 #21081B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21081B
}
```

Border

The CSS property to change the border of an element to Hex 21081B 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".

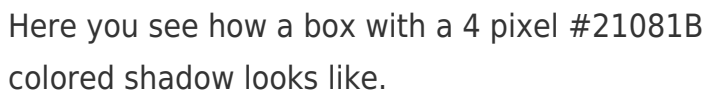
```
.border, #border, table{ border:4px solid
#21081B }
```

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

```
.border{ border-color:#21081B }
```

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

Here you see how a box with a 4 pixel #21081B colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21081B; -webkit-box-shadow:4px 4px  
4px 4px #21081B; box-shadow:4px 4px 4px  
4px #21081B }
```

Background

The CSS property to change the background color of an element to Hex 21081B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21081B }
```

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

```
.background{ background-color:#21081B }
```

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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