

Converting Colors

Hex(21061B)

Have a look what the booklet for
Hex(21061B) contains.

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Color

Hex(21061B)

Conversions

Conversions Part 1

Format	Color
Hex	21061B
RGB	33, 6, 27
RGB Percent	13%, 2%, 11%
CMY	0.8706, 0.9765, 0.8941
CMYK	0.00, 0.82, 0.18, 0.87
HSL	313°, 69%, 8%
HSV	313°, 82%, 13%
XYZ	0.8902, 0.5327, 1.0928
YIQ	16.4670, 9.3510, 12.2550

Conversions

Conversions Part 2

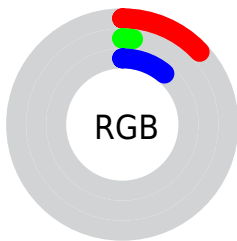
Format	Color
RYB	33, 6, 27
Decimal	2164251
CIELab	4.81, 15.69, -7.26
CIELCh	5, 17.284, 335.169
Yxy	0.5327, 0.3538, 0.2118
Android (android.graphics.Color)	4280354331 (0xFF21061B)
YUV	16.4670, 5.1928, 14.4994
Hunter-Lab	7.2987, 8.9971, -3.7682

Details

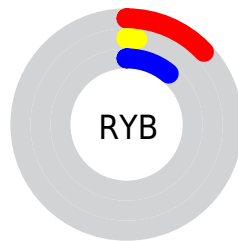
The Hex color **21061B** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **06210C**, and the grayscale version is **101010**.

A 20% lighter version of the original color is **4D3346**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **21031A**, and if you desaturate by 10%, it is **21091C**.

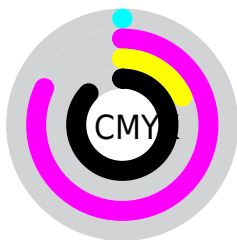
Distribution



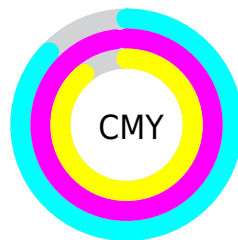
- Red (13%)
- Green (2%)
- Blue (11%)



- Red (13%)
- Yellow (2%)
- Blue (11%)



- Cyan (0%)
- Magenta (82%)
- Yellow (18%)
- Black (87%)



- Cyan (87%)
- Magenta (98%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21061B 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 21061B by changing the saturation by 10% instead.

 21061B

 21061B

 FFE6FE

 000000

 4D3346

 65495E

 7F6176

 997A90

 B494AB

 CFAFC6

 ECCAE2

 21061B

 21061B

■ 21031A

■ 21091C

■ 21001A

■ 210D1C

■ 21101D

■ 21131E

■ 21161F

■ 211A1F

■ 211D20

■ 212021

■ 212422

Harmonies

Analogous

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



150B24



21061B



26040E

Triad

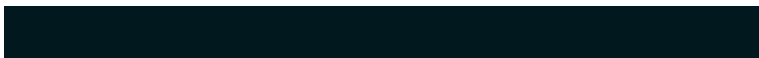
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



21061B



141100



00181E

Complementary

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



21061B



06210C

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.



001912



21061B



011500

Square

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



21061B



1F0B00



001700



001525

Rectangle

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



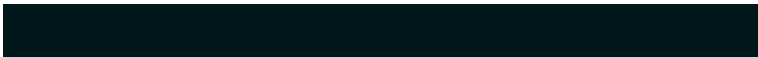
21061B



270500



001700



00181A

Sweetspot

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



21061B



2B2129



0C0621



171015



969696



171717

Same Dimension

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



21061B



2B0122



21060E



0F0E0F



4F003D



CF00A1

Inverse Universe

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



21061B



2B0122



062119



0F0E0F



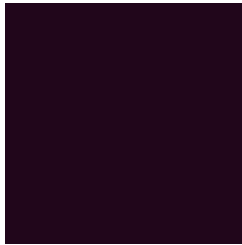
4F003D



CF00A1

Previews

White Background



This preview shows how the Hex color 21061B looks on a white background.

Color Contrast Check

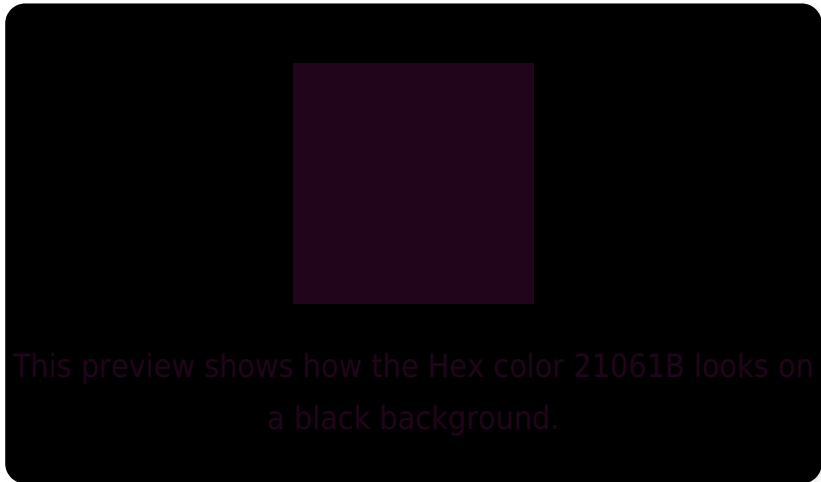
Large Text (above 18pt) WCAG AA ✓ Pass

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

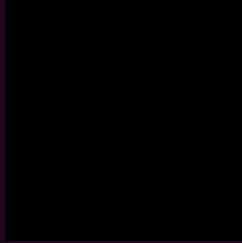
Any Text WCAG AA × Fail

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 21061B Background



This preview shows how black text looks on a background with the Hex color 21061B.



This preview shows how white text looks on a background with the Hex color 21061B.

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
21061B

Protanopia
071225

Deuteranopia
111219

Trichromacy



Original Color
21061B

Protanomaly
100E21

Deuteranomaly
170E1A

Tritanomaly
200A11

Monochromacy



Original Color
21061B

Achromatopsia
101010

Achromatomaly
160C14

CSS Examples

Text

The CSS property to change the color of the text to Hex 21061B 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 #21061B looks like.

```
.text, #text, p{  
    color:#21061B  
}
```

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 #21061B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21061B
}
```

Border

The CSS property to change the border of an element to Hex 21061B is called "border". The border property can be set on classes, ids or directly on the HTML element.

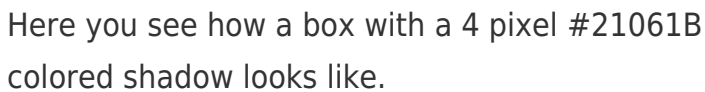
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#21061B }
```

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

```
.border{ border-color:#21061B }
```

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



Here you see how a box with a 4 pixel #21061B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21061B; -webkit-box-shadow:4px 4px  
4px 4px #21061B; box-shadow:4px 4px 4px  
4px #21061B }
```

Background

The CSS property to change the background color of an element to Hex 21061B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21061B }
```

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

```
.background{ background-color:#21061B }
```

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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