

Converting Colors

Hex(21021E)

Have a look what the booklet for
Hex(21021E) contains.

Hex(21021E)	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(21021E)

Conversions

Conversions Part 1

Format	Color
Hex	21021E
RGB	33, 2, 30
RGB Percent	13%, 1%, 12%
CMY	0.8706, 0.9922, 0.8824
CMYK	0.00, 0.94, 0.09, 0.87
HSL	306°, 89%, 7%
HSV	306°, 94%, 13%
XYZ	0.8833, 0.4605, 1.2706
YIQ	14.4610, 9.4880, 15.2800

Conversions

Conversions Part 2

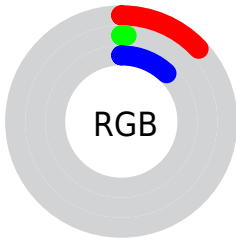
Format	Color
RYB	33, 2, 30
Decimal	2163230
CIELab	4.16, 18.23, -10.61
CIELCh	4, 21.087, 329.802
Yxy	0.4605, 0.3378, 0.1761
Android (android.graphics.Color)	4280353310 (0xFF21021E)
YUV	14.4610, 7.6607, 16.2587
Hunter-Lab	6.7859, 11.3581, -6.3516

Details

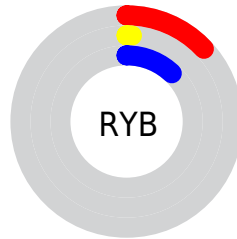
The Hex color **21021E** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **022105**, and the grayscale version is **0E0E0E**.

A 20% lighter version of the original color is **4D304A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **21001E**, and if you desaturate by 10%, it is **21051E**.

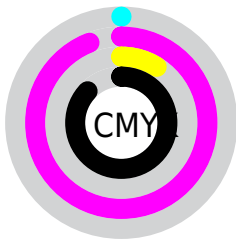
Distribution



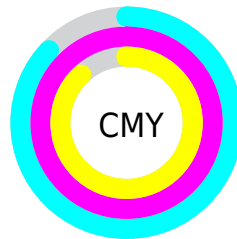
- Red (13%)
- Green (1%)
- Blue (12%)



- Red (13%)
- Yellow (1%)
- Blue (12%)



- Cyan (0%)
- Magenta (94%)
- Yellow (9%)
- Black (87%)



- Cyan (87%)
- Magenta (99%)
- Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the Hex color 21021E 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 21021E by changing the saturation by 10% instead.

 21021E

 21021E

 FFE3FF

 000001

 4D304A

 000000

 654661

 7F5E7A

 997794

 B491AF

 CFACCA

 ECC7E6

 21021E

 21021E

■ 21001E

■ 21051E

■ 21091F

■ 210C1F

■ 210F1F

■ 211320

■ 211620

■ 211920

■ 211C21

■ 212021

Harmonies

Analogous

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



100928



21021E



28000F

Triad

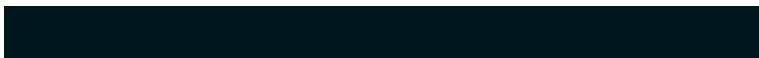
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



21021E



140E00



00181D

Complementary

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



21021E



022105

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.



00170E



21021E



001400

Square

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



21021E



210600



001700



001527

Rectangle

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



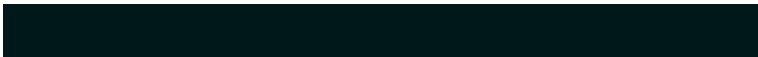
21021E



2A0000



001700



001819

Sweetspot

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



21021E



2B1F2A



050221



170F16



969696



171717

Same Dimension

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



21021E



2B0027



21020F



0F0E0F



4F0047



CF00BB

Inverse Universe

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



21021E



2B0027



022114



0F0E0F



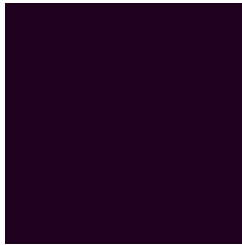
4F0047



CF00BB

Previews

White Background



This preview shows how the Hex color 21021E looks on a white background.

Color Contrast Check

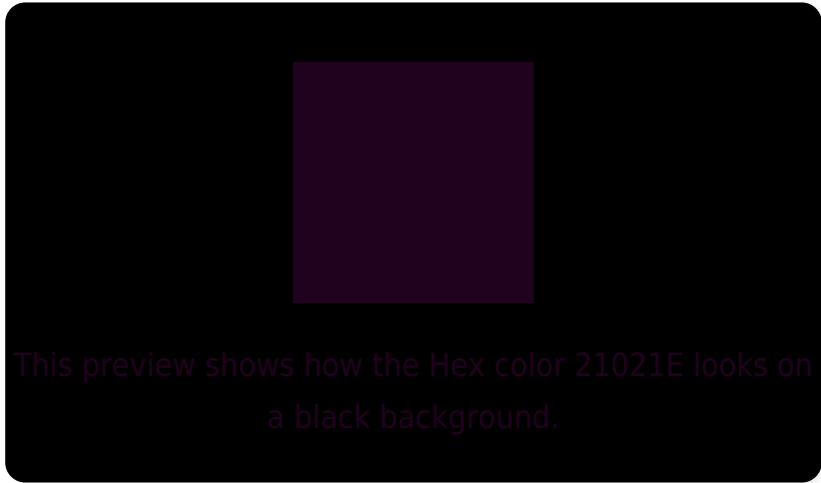
Large Text (above 18pt) WCAG AA ✓ Pass

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

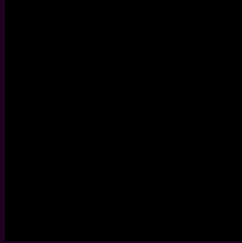
Any Text WCAG AA × Fail

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 21021E Background



This preview shows how black text looks on a background with the Hex color 21021E.



This preview shows how white text looks on a background with the Hex color 21021E.

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](#).

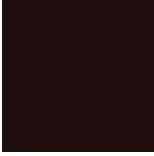
Dichromacy



Original Color
21021E

Protanopia
001226

Deuteranopia
0E121C



Tritanopia
1F0C0D

Trichromacy



Original Color
21021E

Protanomaly
0C0C23

Deuteranomaly
150C1D

Tritanomaly
200813

Monochromacy



Original Color
21021E

Achromatopsia
0E0E0E

Achromatomaly
150A14

CSS Examples

Text

The CSS property to change the color of the text to Hex 21021E 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 #21021E looks like.

```
.text, #text, p{  
    color:#21021E  
}
```

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 #21021E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21021E
}
```

Border

The CSS property to change the border of an element to Hex 21021E is called "border". The border property can be set on classes, ids or directly on the HTML element.

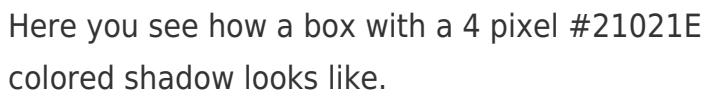
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#21021E }
```

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

```
.border{ border-color:#21021E }
```

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



Here you see how a box with a 4 pixel #21021E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21021E; -webkit-box-shadow:4px 4px  
4px 4px #21021E; box-shadow:4px 4px 4px  
4px #21021E }
```

Background

The CSS property to change the background color of an element to Hex 21021E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21021E }
```

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

```
.background{ background-color:#21021E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor