

Converting Colors

Hex(22071E)

Have a look what the booklet for
Hex(22071E) contains.

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Color

Hex(22071E)

Conversions

Conversions Part 1

Format	Color
Hex	22071E
RGB	34, 7, 30
RGB Percent	13%, 3%, 12%
CMY	0.8667, 0.9725, 0.8824
CMYK	0.00, 0.79, 0.12, 0.87
HSL	309°, 66%, 8%
HSV	309°, 79%, 13%
XYZ	0.9700, 0.5858, 1.2902
YIQ	17.6950, 8.7090, 12.8770

Conversions

Conversions Part 2

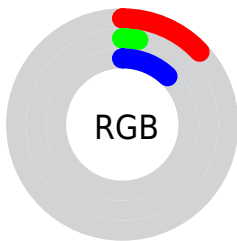
Format	Color
R_{YB}	34, 7, 30
Decimal	2230046
CIE Lab	5.29, 16.68, -8.89
CIE LCh	5, 18.902, 331.953
Yxy	0.5858, 0.3408, 0.2058
Android (android.graphics.Color)	4280420126 (0xFF22071E)
YUV	17.6950, 6.0664, 14.2995
Hunter-Lab	7.6536, 9.2291, -4.6375

Details

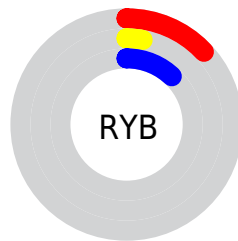
The Hex color **22071E** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **07220B**, and the grayscale version is **121212**.

A 20% lighter version of the original color is **4F334A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **22041D**, and if you desaturate by 10%, it is **220A1F**.

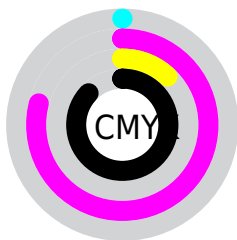
Distribution



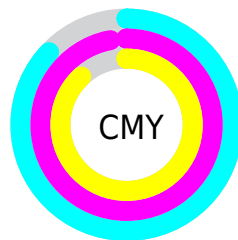
- Red (13%)
- Green (3%)
- Blue (12%)



- Red (13%)
- Yellow (3%)
- Blue (12%)



- Cyan (0%)
- Magenta (79%)
- Yellow (12%)
- Black (87%)



- Cyan (87%)
- Magenta (97%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22071E 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 22071E by changing the saturation by 10% instead.

 22071E

 22071E

 FFE7FF

 000002


 4F334A

 000000

 674A61

 80627A

 9B7B94

 B695AF

 D1B0CA

 EECBE6

 22071E

 22071E

■ 22041D

■ 220A1F

■ 22001D

■ 220E1F

■ 221120

■ 221520

■ 221821

■ 221B21

■ 221F22

■ 222222

■ 222623

Harmonies

Analogous

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



140D27



22071E



280411

Triad

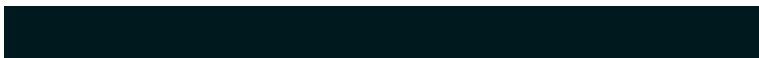
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



22071E



171100



00191F

Complementary

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



22071E



07220B

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.



001A12



22071E



041600

Square

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



22071E



220B00



001900



001728

Rectangle

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



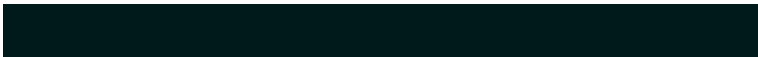
22071E



290503



001900



001A1B

Sweetspot

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



22071E



2B212A



0B0722



171016



969696



171717

Same Dimension

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



22071E



2B0225



220711



121012



520046



D100B2

Inverse Universe

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



22071E



2B0225



072218



121012



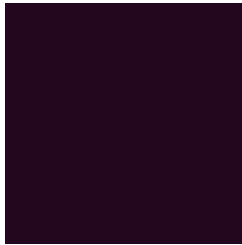
520046



D100B2

Previews

White Background



This preview shows how the Hex color 22071E looks on a white background.

Color Contrast Check

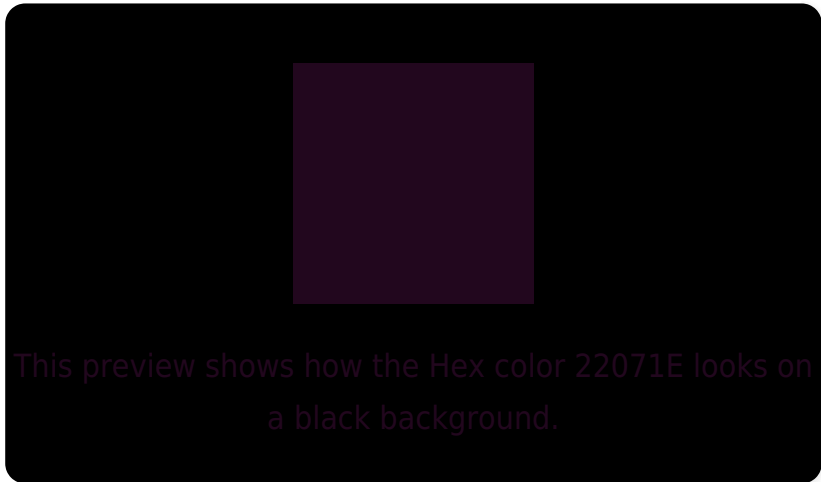
Large Text (above 18pt) WCAG AA ✓ Pass

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

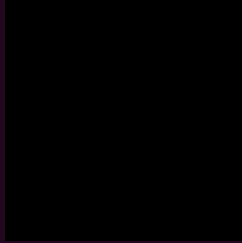
Any Text WCAG AA × Fail

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 22071E Background



This preview shows how black text looks on a background with the Hex color 22071E.



This preview shows how white text looks on a background with the Hex color 22071E.

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
22071E

Protanopia
011328

Deuteranopia
10131C



Tritanopia
200D0E

Trichromacy



Original Color
22071E

Protanomaly
0D0F24

Deuteranomaly
170F1D

Tritanomaly
210B14

Monochromacy



Original Color
22071E

Achromatopsia
121212

Achromatomaly
180E16

CSS Examples

Text

The CSS property to change the color of the text to Hex 22071E 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 #22071E looks like.

```
.text, #text, p{  
    color:#22071E  
}
```

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 #22071E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22071E
}
```

Border

The CSS property to change the border of an element to Hex 22071E is called "border". The border property can be set on classes, ids or directly on the HTML element.

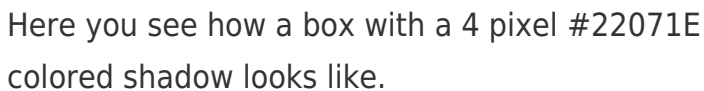
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#22071E }
```

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

```
.border{ border-color:#22071E }
```

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



Here you see how a box with a 4 pixel #22071E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22071E; -webkit-box-shadow:4px 4px  
4px 4px #22071E; box-shadow:4px 4px 4px  
4px #22071E }
```

Background

The CSS property to change the background color of an element to Hex 22071E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22071E }
```

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

```
.background{ background-color:#22071E }
```

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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