

Converting Colors

Hex(22111E)

Have a look what the booklet for
Hex(22111E) contains.

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Color

Hex(22111E)

Conversions

Conversions Part 1

Format	Color
Hex	22111E
RGB	34, 17, 30
RGB Percent	13%, 7%, 12%
CMY	0.8667, 0.9333, 0.8824
CMYK	0.00, 0.50, 0.12, 0.87
HSL	314°, 33%, 10%
HSV	314°, 50%, 13%
XYZ	1.0945, 0.8347, 1.3317
YIQ	23.5650, 5.9590, 7.6470

Conversions

Conversions Part 2

Format	Color
R_{YB}	34, 17, 30
Decimal	2232606
CIE _{Lab}	7.54, 11.44, -5.49
CIE _{LCh}	8, 12.694, 334.353
Yxy	0.8347, 0.3356, 0.2560
Android (android.graphics.Color)	4280422686 (0xFF22111E)
YUV	23.5650, 3.1725, 9.1515
Hunter-Lab	9.1363, 5.3949, -2.2469

Details

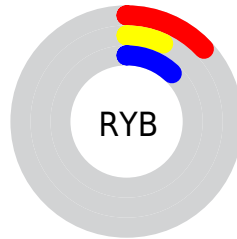
The Hex color **22111E** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **112215**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **4F3B4A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **220E1D**, and if you desaturate by 10%, it is **22141F**.

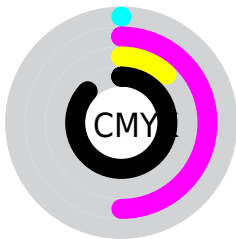
Distribution



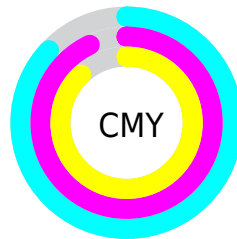
- Red (13%)
- Green (7%)
- Blue (12%)



- Red (13%)
- Yellow (7%)
- Blue (12%)



- Cyan (0%)
- Magenta (50%)
- Yellow (12%)
- Black (87%)



- Cyan (87%)
- Magenta (93%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22111E 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 22111E by changing the saturation by 10% instead.

■ 22111E

■ 22111E

■ FFF1FF

■ 010003

■ 4F3B4A

■ 000000

■ 675261

■ 806B7A

■ 9A8494

■ B59EAF

■ D1B9CA

■ EDD5E6

■ 22111E

■ 22111E

■ 220E1D

■ 22141F

■ 220A1C

■ 221820

■ 22071C

■ 221B20

■ 22031B

■ 221F21

■ 22001A

■ 222222

■ 222523

■ 222924

■ 222C24

■ 223025

Harmonies

Analogous

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



191424



22111E



261016

Triad

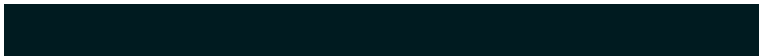
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



22111E



1D1600



001B20

Complementary

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



22111E



112215

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.



001C18



22111E



131902

Square

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



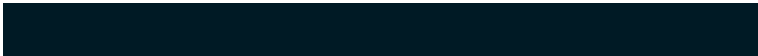
22111E



231300



041B0D



001A25

Rectangle

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



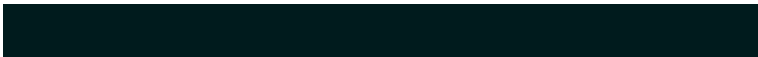
22111E



27100F



041B0D



001B1D

Sweetspot

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



22111E



2B252A



151122



171316



969696



171717

Same Dimension

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



22111E



2B1125



221116



121011



52003E



D100A0

Inverse Universe

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



22111E



2B1125



11221D



121011



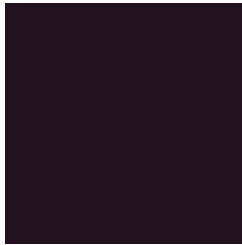
52003E



D100A0

Previews

White Background



This preview shows how the Hex color 22111E looks on a white background.

Color Contrast Check

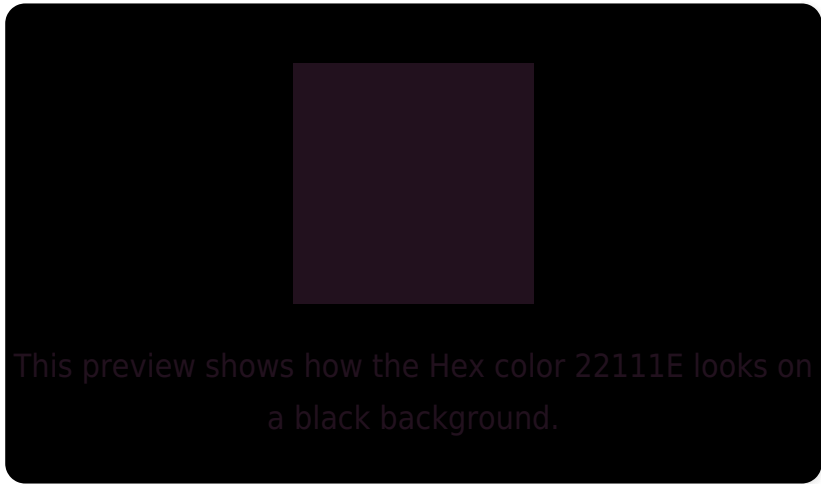
Large Text (above 18pt) WCAG AA ✓ Pass

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

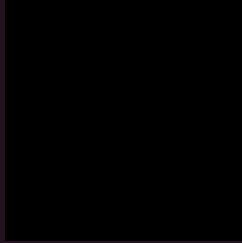
Any Text WCAG AA × Fail

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 22111E Background



This preview shows how black text looks on a background with the Hex color 22111E.



This preview shows how white text looks on a background with the Hex color 22111E.

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](#).

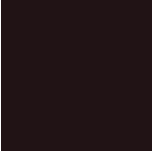
Dichromacy



Original Color
22111E

Protanopia
131722

Deuteranopia
16171D



Tritanopia
211315

Trichromacy



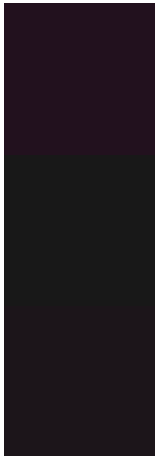
Original Color
22111E

Protanomaly
181521

Deuteranomaly
1A151D

Tritanomaly
211218

Monochromacy



Original Color
22111E

Achromatopsia
181818

Achromatomaly
1C151A

CSS Examples

Text

The CSS property to change the color of the text to Hex 22111E 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 #22111E looks like.

```
.text, #text, p{  
    color:#22111E  
}
```

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 #22111E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22111E
}
```

Border

The CSS property to change the border of an element to Hex 22111E is called "border". The border property can be set on classes, ids or directly on the HTML element.

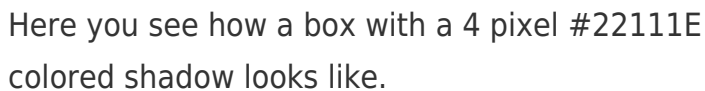
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#22111E }
```

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

```
.border{ border-color:#22111E }
```

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



Here you see how a box with a 4 pixel #22111E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22111E; -webkit-box-shadow:4px 4px  
4px 4px #22111E; box-shadow:4px 4px 4px  
4px #22111E }
```

Background

The CSS property to change the background color of an element to Hex 22111E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22111E }
```

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

```
.background{ background-color:#22111E }
```

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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