

Converting Colors

Hex(22030E)

Have a look what the booklet for
Hex(22030E) contains.

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Color

Hex(22030E)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 22030E |
| RGB | 34, 3, 14 |
| RGB Percent | 13%, 1%, 5% |
| CMY | 0.8667, 0.9882, 0.9451 |
| CMYK | 0.00, 0.91, 0.59, 0.87 |
| HSL | 339°, 84%, 7% |
| HSV | 339°, 91%, 13% |
| XYZ | 0.7715, 0.4369, 0.4591 |
| YIQ | 13.5230, 14.9450, 9.9930 |

Conversions

Conversions Part 2

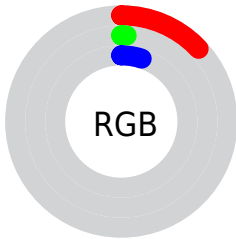
| Format | Color |
|-------------------------------------|--|
| RYB | 34, 3, 14 |
| Decimal | 2229006 |
| CIELab | 3.95, 14.59, 0.24 |
| CIELCh | 4, 14.595, 0.932 |
| Yxy | 0.4369, 0.4627, 0.2620 |
| Android (android.graphics.Color) | 4280419086 (0xFF22030E) |
| YUV | 13.5230, 0.2352, 17.9583 |
| Hunter-Lab | 6.6099, 9.2672, 0.5086 |

Details

The Hex color **22030E** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **032217**, and the grayscale version is **0E0E0E**.

A 20% lighter version of the original color is **4E3139**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **22000C**, and if you desaturate by 10%, it is **220610**.

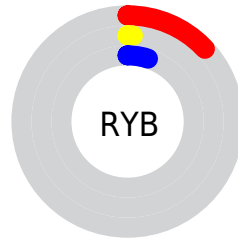
Distribution



Red (13%)

Green (1%)

Blue (5%)



Red (13%)

Yellow (1%)

Blue (5%)

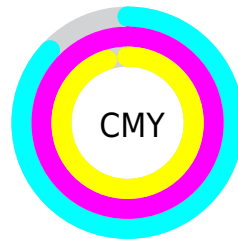


Cyan (0%)

Magenta (91%)

Yellow (59%)

Black (87%)



Cyan (87%)

Magenta (99%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22030E 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 22030E by changing the saturation by 10% instead.

 22030E

 22030E

 FFE4EE

 000000

 4E3139

 664750

 805F68

 9A7881

 B5929B

 D1ADB6

 EDC8D1

 22030E

 22030E

■ 22000C

■ 220610

■ 220A12

■ 220D15

■ 221117

■ 221419

■ 22171B

■ 221B1D

■ 221E20

■ 222222

Harmonies

Analogous

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



1D0519



22030E



230400

Triad

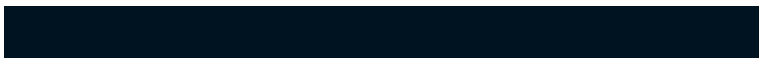
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



22030E



031200



001320

Complementary

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



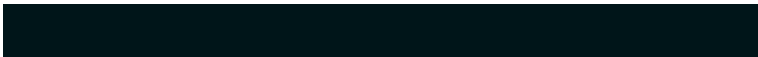
22030E



032217

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.



001519



22030E



001400

Square

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



22030E



130E00



00160E



000F22

Rectangle

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



22030E



1F0700



00160E



00141E

Sweetspot

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



22030E



2B2024



170322



171012



969696



171717

Same Dimension

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



22030E



2B000F



220703



121011



52001D



D1004A

Inverse Universe

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



22030E



2B000F



031E22



121011



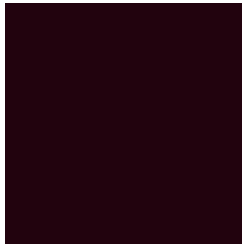
52001D



D1004A

Previews

White Background



This preview shows how the Hex color 22030E looks on a white background.

Color Contrast Check

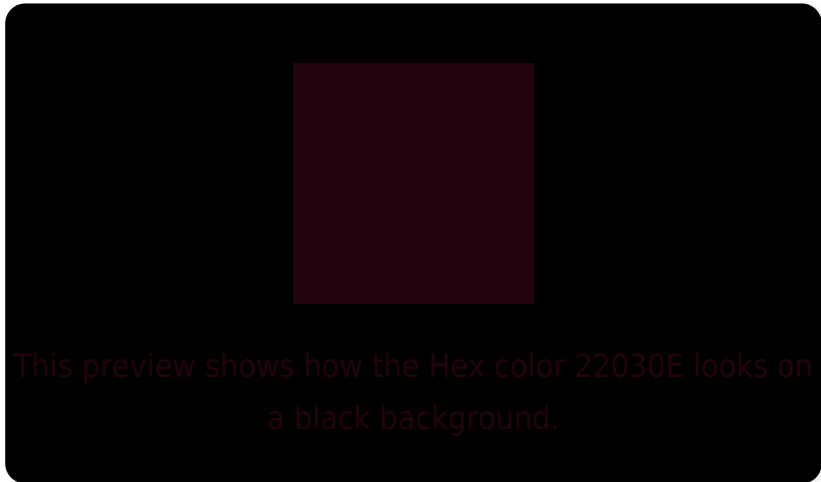
Large Text (above 18pt) WCAG AA ✓ Pass

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

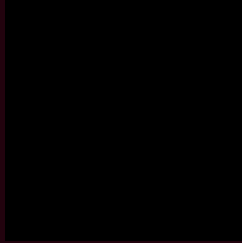
Any Text WCAG AA × Fail

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 22030E Background



This preview shows how black text looks on a background with the Hex color 22030E.

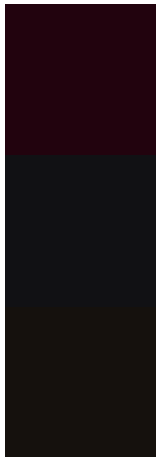


This preview shows how white text looks on a background with the Hex color 22030E.

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](#).

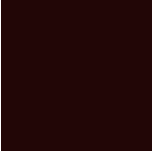
Dichromacy



Original Color
22030E

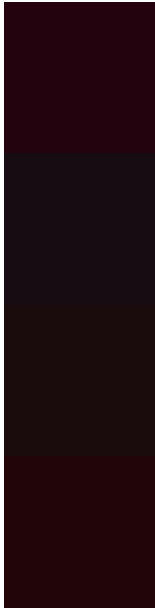
Protanopia
111114

Deuteranopia
15110D



Tritanopia
220606

Trichromacy



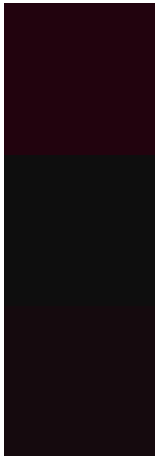
Original Color
22030E

Protanomaly
170C12

Deuteranomaly
1A0C0D

Tritanomaly
220509

Monochromacy



Original Color
22030E

Achromatopsia
0E0E0E

Achromatomaly
150A0E

CSS Examples

Text

The CSS property to change the color of the text to Hex 22030E 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 #22030E looks like.

```
.text, #text, p{  
    color:#22030E  
}
```

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 #22030E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22030E
}
```

Border

The CSS property to change the border of an element to Hex 22030E is called "border". The border property can be set on classes, ids or directly on the HTML element.

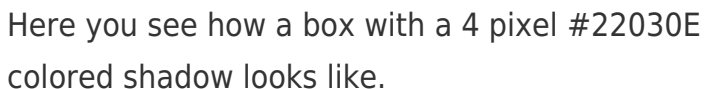
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#22030E }
```

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

```
.border{ border-color:#22030E }
```

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



Here you see how a box with a 4 pixel #22030E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22030E; -webkit-box-shadow:4px 4px  
4px 4px #22030E; box-shadow:4px 4px 4px  
4px #22030E }
```

Background

The CSS property to change the background color of an element to Hex 22030E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22030E }
```

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

```
.background{ background-color:#22030E }
```

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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