

Converting Colors

Hex(22160E)

Have a look what the booklet for
Hex(22160E) contains.

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Color

Hex(22160E)

Conversions

Conversions Part 1

Format	Color
Hex	22160E
RGB	34, 22, 14
RGB Percent	13%, 9%, 5%
CMY	0.8667, 0.9137, 0.9451
CMYK	0.00, 0.35, 0.59, 0.87
HSL	24°, 42%, 9%
HSV	24°, 59%, 13%
XYZ	1.0259, 0.9456, 0.5439
YIQ	24.6760, 9.7200, 0.0560

Conversions

Conversions Part 2

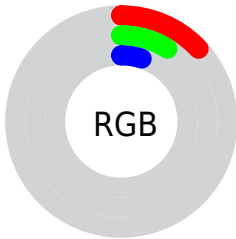
Format	Color
RYB	34, 27, 14
Decimal	2233870
CIELab	8.53, 4.77, 6.93
CIELCh	9, 8.408, 55.472
Yxy	0.9456, 0.4078, 0.3759
Android (android.graphics.Color)	4280423950 (0xFF22160E)
YUV	24.6760, -5.2633, 8.1771
Hunter-Lab	9.7242, 1.8135, 3.4906

Details

The Hex color **22160E** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0E1A22**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **4F4039**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **22140B**, and if you desaturate by 10%, it is **221811**.

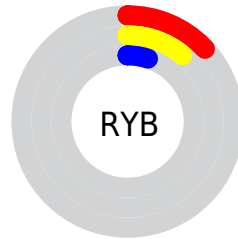
Distribution



Red (13%)

Green (9%)

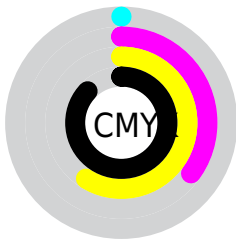
Blue (5%)



Red (13%)

Yellow (11%)

Blue (5%)

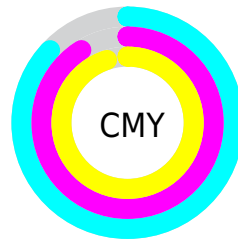


Cyan (0%)

Magenta (35%)

Yellow (59%)

Black (87%)



Cyan (87%)

Magenta (91%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22160E 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 22160E by changing the saturation by 10% instead.

■ 22160E

■ 22160E

■ FFF7EE

■ 000000

■ 4F4039

■ 675850

■ 807068

■ 9A8A81

■ B5A49B

■ D1BFB6

■ EDDBD1

■ 22160E

■ 22160E

■ 22140B

■ 221811

■ 221207

■ 221A15

■ 221004

■ 221C18

■ 220E00

■ 221E1C

■ 22201F

■ 222222

■ 222426

■ 222629

■ 22282D

Harmonies

Analogous

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



241514



22160E



1E180B

Triad

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



22160E



0A1C17



181723

Complementary

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



22160E



0E1A22

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.



101924



22160E



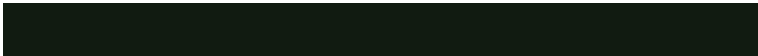
071C1D

Square

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



22160E



111B11



091B22



1F161F

Rectangle

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



22160E



1A190B



091B22



161823

Sweetspot

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



22160E



2B2724



220E1A



171412



969696



171717

Same Dimension

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



22160E



2B190D



22200E



121110



522100



D15400

Inverse Universe

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



0E1A22



0D1F2B



0E1022



101112



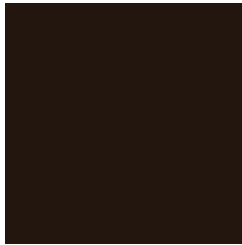
003152



007DD1

Previews

White Background



This preview shows how the Hex color 22160E looks on a white background.

Color Contrast Check

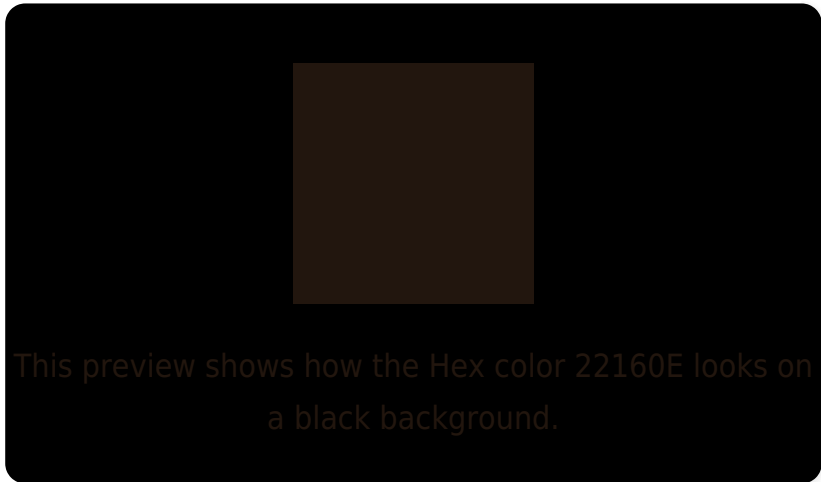
Large Text (above 18pt) WCAG AA ✓ Pass

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

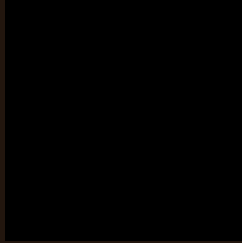
Any Text WCAG AA × Fail

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 22160E Background



This preview shows how black text looks on a background with the Hex color 22160E.



This preview shows how white text looks on a background with the Hex color 22160E.

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
22160E

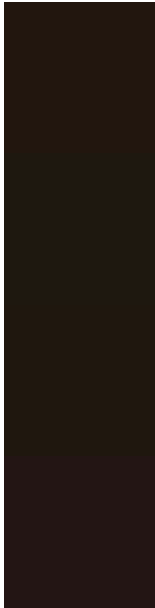
Protanopia
1B190F

Deuteranopia
1E180E



Tritanopia
231517

Trichromacy



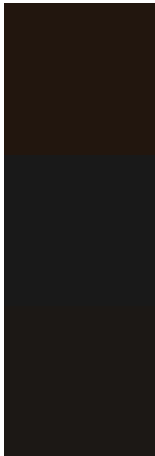
Original Color
22160E

Protanomaly
1E180F

Deuteranomaly
1F170E

Tritanomaly
231514

Monochromacy



Original Color
22160E

Achromatopsia
191919

Achromatomaly
1C1815

CSS Examples

Text

The CSS property to change the color of the text to Hex 22160E 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 #22160E looks like.

```
.text, #text, p{  
    color:#22160E  
}
```

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 #22160E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22160E
}
```

Border

The CSS property to change the border of an element to Hex 22160E is called "border". The border property can be set on classes, ids or directly on the HTML element.

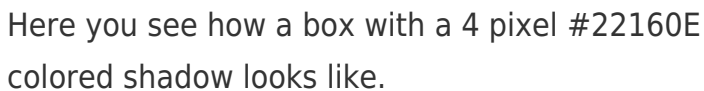
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#22160E }
```

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

```
.border{ border-color:#22160E }
```

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



Here you see how a box with a 4 pixel #22160E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22160E; -webkit-box-shadow:4px 4px  
4px 4px #22160E; box-shadow:4px 4px 4px  
4px #22160E }
```

Background

The CSS property to change the background color of an element to Hex 22160E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22160E }
```

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

```
.background{ background-color:#22160E }
```

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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