

# Converting Colors

Hex(222E19)

Have a look what the booklet for  
Hex(222E19) contains.

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# Color

**Hex(222E19)**

# Conversions

## Conversions Part 1

Format	Color
Hex	222E19
RGB	34, 46, 25
RGB Percent	13%, 18%, 10%
CMY	0.8667, 0.8196, 0.9020
CMYK	0.26, 0.00, 0.46, 0.82
HSL	94°, 30%, 14%
HSV	94°, 46%, 18%
XYZ	1.8122, 2.3643, 1.2805
YIQ	40.0180, -0.4110, -9.0750

# Conversions

## Conversions Part 2

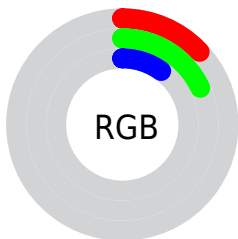
Format	Color
<b>R<sub>YB</sub></b>	25, 46, 37
Decimal	2240025
CIE Lab	17.29, -9.93, 11.92
CIE LCh	17, 15.515, 129.800
Yxy	2.3643, 0.3321, 0.4333
Android (android.graphics.Color)	4280430105 (0xFF222E19)
YUV	40.0180, -7.4039, -5.2778
Hunter-Lab	15.3761, -5.8712, 5.8256

# Details

The Hex color **222E19** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **25192E**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **4F5C44**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1F2E14**, and if you desaturate by 10%, it is **252E1E**.

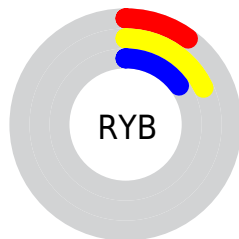
# Distribution



Red (13%)

Green (18%)

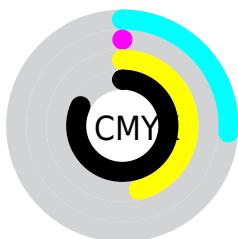
Blue (10%)



Red (10%)

Yellow (18%)

Blue (15%)

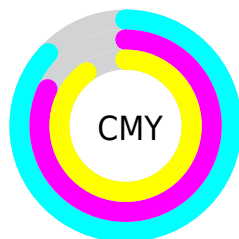


Cyan (26%)

Magenta (0%)

Yellow (46%)

Black (82%)



Cyan (87%)

Magenta (82%)

Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 222E19 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 222E19 by changing the saturation by 10% instead.



■ 222E19

■ 222E19

■ FFFFC

■ 0E1A00

■ 4F5C44

■ 000000

■ 67745C

■ 808E75

■ 9AA88E

■ B5C4A9

■ D1E0C4

■ EDFCE0

■ 222E19

■ 222E19

■ 1F2E14

■ 252E1E

■ 1D2E10

■ 272E22

■ 1A2E0B

■ 2A2E27

■ 172E07

■ 2D2E2B

■ 152E02

■ 2F2E30

■ 142E00

■ 322E35

■ 342E39

■ 372E3E

■ 3A2E42

# Harmonies

## Analogous

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



2E2B14



222E19



143022

# Triad

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



222E19



0B2E3F



402227

# Complementary

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



222E19



25192E

# 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.



3B2332



222E19



202A40

# Square

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



222E19



003038



30263C



3E241D

# Rectangle

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



222E19



08302A



30263C



3F222B



# Sweetspot

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



222E19



363B32



2E2519



1C1F19



9E9E9E



1F1F1F



# Same Dimension

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



222E19



283B1A



192E1A



161715



255700



5CD600



# Inverse Universe

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



25192E



2D1A3B



2E192D



161517



320057

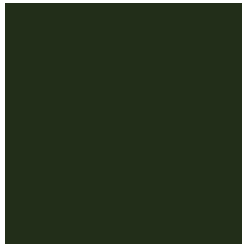


7A00D6



# Previews

## White Background



This preview shows how the Hex color 222E19 looks on a white background.

## Color Contrast Check

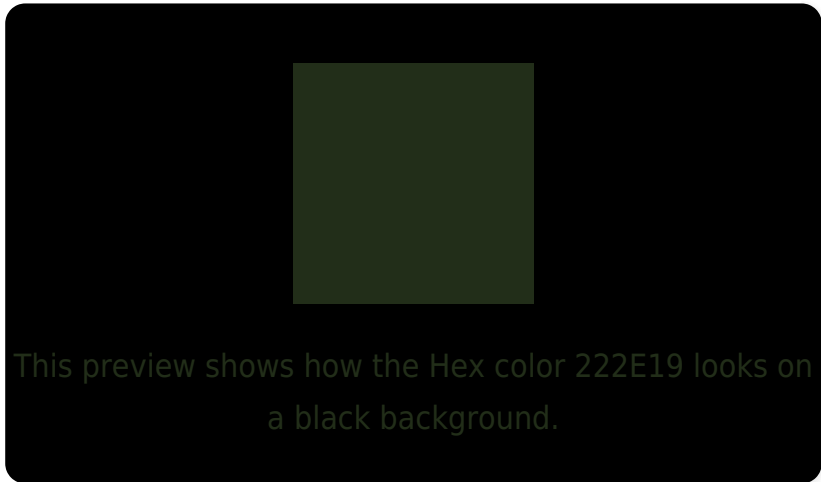
Large Text (above 18pt) WCAG AA ✓ Pass

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

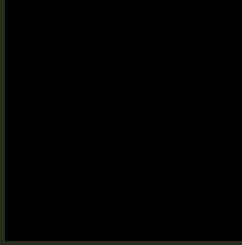
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 222E19 Background



This preview shows how black text looks on a background with the Hex color 222E19.



This preview shows how white text looks on a background with the Hex color 222E19.

# 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**  
222E19

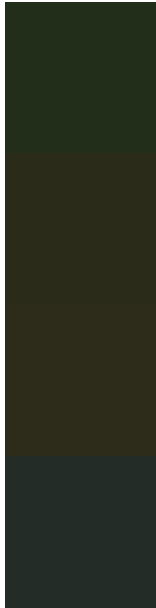
**Protanopia**  
2F2A18

**Deuteranopia**  
33291A



**Tritanopia**  
252B2F

# Trichromacy



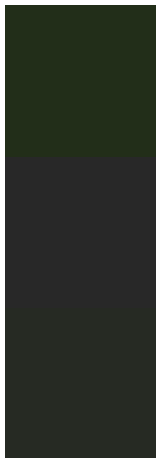
**Original Color**  
222E19

**Protanomaly**  
2A2B18

**Deuteranomaly**  
2D2B1A

**Tritanomaly**  
242C27

# Monochromacy



**Original Color**  
222E19

**Achromatopsia**  
282828

**Achromatomaly**  
262A23

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 222E19 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 #222E19 looks like.

```
.text, #text, p{  
    color:#222E19  
}
```

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 #222E19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #222E19
}
```

## Border

The CSS property to change the border of an element to Hex 222E19 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
#222E19 }
```

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

```
.border{ border-color:#222E19 }
```

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

Here you see how a box with a 4 pixel #222E19 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #222E19; -webkit-box-shadow:4px 4px  
4px 4px #222E19; box-shadow:4px 4px 4px  
4px #222E19 }
```

# Background

The CSS property to change the background color of an element to Hex 222E19 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#222E19 }
```

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

```
.background{ background-color:#222E19 }
```

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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