

Converting Colors

Hex(224E22)

Have a look what the booklet for
Hex(224E22) contains.

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Color

Hex(224E22)

Conversions

Conversions Part 1

Format	Color
Hex	224E22
RGB	34, 78, 34
RGB Percent	13%, 31%, 13%
CMY	0.8667, 0.6941, 0.8667
CMYK	0.56, 0.00, 0.56, 0.69
HSL	120°, 39%, 22%
HSV	120°, 56%, 31%
XYZ	3.6728, 5.9044, 2.4595
YIQ	59.8280, -12.1000, -23.0120

Conversions

Conversions Part 2

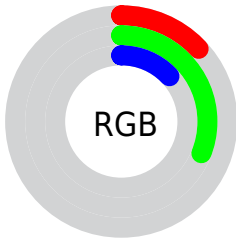
Format	Color
RYB	34, 78, 78
Decimal	2248226
CIELab	29.17, -25.66, 21.34
CIELCh	29, 33.374, 140.244
Yxy	5.9044, 0.3051, 0.4905
Android (android.graphics.Color)	4280438306 (0xFF224E22)
YUV	59.8280, -12.7332, -22.6512
Hunter-Lab	24.2989, -15.5425, 11.0081




Details

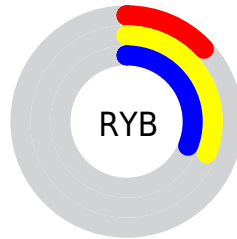
The Hex color **224E22** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4E224E**, and the grayscale version is **3C3C3C**.




A 20% lighter version of the original color is **538050**, and **002200** is the 20% darker color. If you saturate the color by 10%, you get **1A4E1A**, and if you desaturate by 10%, it is **2A4E2A**.

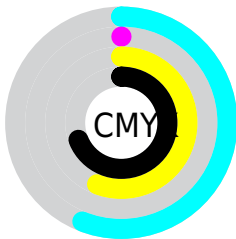
Distribution







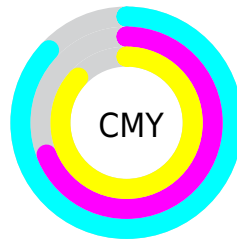
-  Red (13%)
-  Green (31%)
-  Blue (13%)






-  Red (13%)
-  Yellow (31%)
-  Blue (31%)



-  Cyan (56%)
-  Magenta (0%)
-  Yellow (56%)
-  Black (69%)



-  Cyan (87%)
-  Magenta (69%)
-  Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 224E22 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 224E22 by changing the saturation by 10% instead.



224E22



224E22

FFFFFF



08370C



538050



002200



6C9A68



000000



86B581



A1D09B



BCEDB6



D8FFD2



F5FFEF



224E22



224E22

■ 1A4E1A

■ 2A4E2A

■ 124E12

■ 324E32

■ 0B4E0B

■ 394E39

■ 034E03

■ 414E41

■ 004E00

■ 494E49

■ 514E51

■ 594E59

■ 604E60

■ 684E68

Harmonies

Analogous

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



424910



224E22



00513B

Triad

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



224E22



004A78



742E34

Complementary

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



224E22



4E224E

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.



6F2E4E



224E22



364175

Square

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



224E22



004F6C



5C3666



6B361E

Rectangle

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



224E22



00514D



5C3666



742D3D

Sweetspot

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



224E22



556655



4E4E22



293329



B3B3B3



333333

Same Dimension

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



224E22



216621



224E38



222622



006600



00E600

Inverse Universe

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



4E224E



662166



4E2238



262226



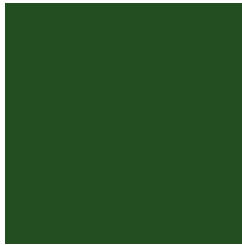
660066



E600E6

Previews

White Background



This preview shows how the Hex color 224E22 looks on a white background.

Color Contrast Check

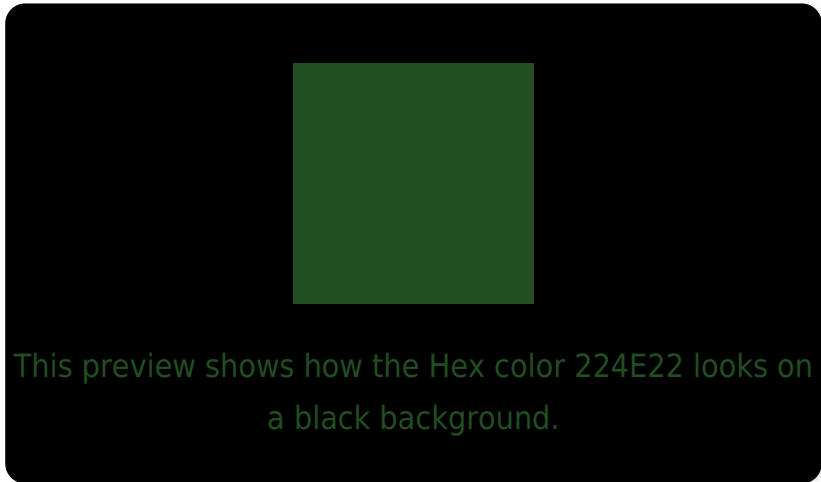
Large Text (above 18pt) WCAG AA ✓ Pass

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

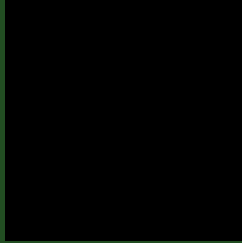
Any Text WCAG AA × Fail

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 224E22 Background



This preview shows how black text looks on a background with the Hex color 224E22.



This preview shows how white text looks on a background with the Hex color 224E22.

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](#).

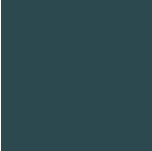
Dichromacy



Original Color
224E22

Protanopia
4C451F

Deuteranopia
544125



Tritanopia
2C494F

Trichromacy



Original Color
224E22

Protanomaly
3D4820

Deuteranomaly
424624

Tritanomaly
284B3F

Monochromacy



Original Color
224E22

Achromatopsia
3C3C3C

Achromatomaly
334333

CSS Examples

Text

The CSS property to change the color of the text to Hex 224E22 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 #224E22 looks like.

```
.text, #text, p{  
  color:#224E22  
}
```

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 #224E22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #224E22  
}
```

Border

The CSS property to change the border of an element to Hex 224E22 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  
#224E22 }
```

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

```
.border{ border-color:#224E22 }
```

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

Here you see how a box with a 4 pixel #224E22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #224E22; -webkit-box-shadow:4px 4px  
4px 4px #224E22; box-shadow:4px 4px 4px  
4px #224E22 }
```

Background

The CSS property to change the background color of an element to Hex 224E22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#224E22 }
```

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

```
.background{ background-color:#224E22 }
```

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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