

Converting Colors

Hex(225C11)

Have a look what the booklet for
Hex(225C11) contains.

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Color

Hex(225C11)

Conversions

Conversions Part 1

Format	Color
Hex	225C11
RGB	34, 92, 17
RGB Percent	13%, 36%, 7%
CMY	0.8667, 0.6392, 0.9333
CMYK	0.63, 0.00, 0.82, 0.64
HSL	106°, 69%, 21%
HSV	106°, 82%, 36%
XYZ	4.5880, 8.0348, 1.8394
YIQ	66.1080, -10.4930, -35.6210

Conversions

Conversions Part 2

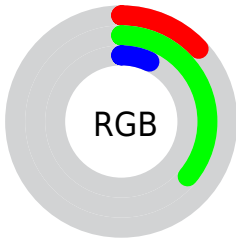
Format	Color
RYB	17, 92, 75
Decimal	2251793
CIELab	34.06, -33.70, 34.98
CIELCh	34, 48.578, 133.931
Yxy	8.0348, 0.3172, 0.5556
Android (android.graphics.Color)	4280441873 (0xFF225C11)
YUV	66.1080, -24.2102, -28.1587
Hunter-Lab	28.3458, -20.7134, 15.9947

Details

The Hex color **225C11** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **4B115C**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **578F42**, and **002D00** is the 20% darker color. If you saturate the color by 10%, you get **1B5C08**, and if you desaturate by 10%, it is **295C1A**.

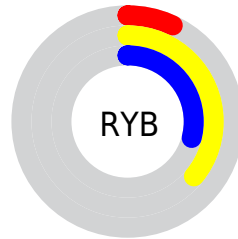
Distribution



Red (13%)

Green (36%)

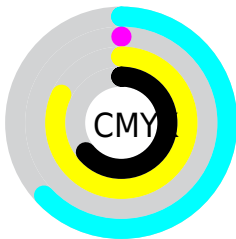
Blue (7%)



Red (7%)

Yellow (36%)

Blue (29%)

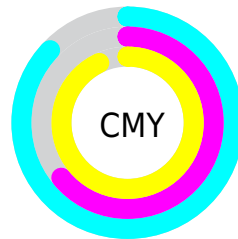


Cyan (63%)

Magenta (0%)

Yellow (82%)

Black (64%)



Cyan (87%)

Magenta (64%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 225C11 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 225C11 by changing the saturation by 10% instead.



225C11



225C11

FFFFFFD



024400



578F42



002D00



71AA5A



001700



8BC574



000000



A7E18E



C3FEA9



DFFFC4



FCFFE1



225C11



225C11

■ 1B5C08

■ 295C1A

■ 155C00

■ 305C23

■ 375C2D

■ 3E5C36

■ 465C3F

■ 4D5C48

■ 545C51

■ 5B5C5B

■ 625C64

Harmonies

Analogous

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



515400



225C11



006039

Triad

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



225C11



005A9A



942640

Complementary

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



225C11



4B115C

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.



8A2A66



225C11



104F9C

Square

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



225C11



006085



683D88



8A351B

Rectangle

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



225C11



006154



683D88



93244D

Sweetspot

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



225C11



62785B



5C4A11



2F3D2B



BDBDBD



3D3D3D

Same Dimension

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



225C11



1D7802



115C25



2A2E29



196E00



36ED00

Inverse Universe

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



4B115C



5D0278



5C1148



2D292E



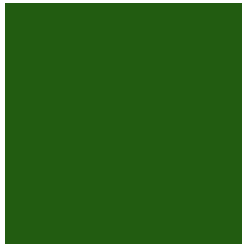
55006E



B700ED

Previews

White Background



This preview shows how the Hex color 225C11 looks on a white background.

Color Contrast Check

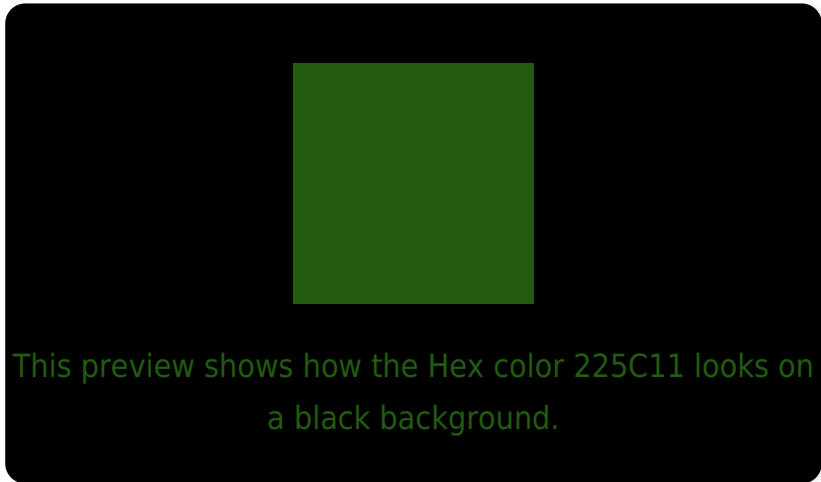
Large Text (above 18pt) WCAG AA ✓ Pass

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

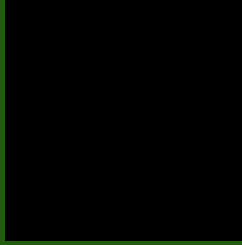
Any Text WCAG AA × Fail

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 225C11 Background



This preview shows how black text looks on a background with the Hex color 225C11.



This preview shows how white text looks on a background with the Hex color 225C11.

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
225C11

Protanopia
5A500E

Deuteranopia
644C19

Trichromacy



Original Color
225C11

Protanomaly
46540F

Deuteranomaly
4C5216

Tritanomaly
2C5841

Monochromacy



Original Color
225C11

Achromatopsia
424242

Achromatomaly
364B30

CSS Examples

Text

The CSS property to change the color of the text to Hex 225C11 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 #225C11 looks like.

```
.text, #text, p{  
    color:#225C11  
}
```

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 #225C11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #225C11
}
```

Border

The CSS property to change the border of an element to Hex 225C11 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
#225C11 }
```

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

```
.border{ border-color:#225C11 }
```

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

Here you see how a box with a 4 pixel #225C11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #225C11; -webkit-box-shadow:4px 4px  
4px 4px #225C11; box-shadow:4px 4px 4px  
4px #225C11 }
```

Background

The CSS property to change the background color of an element to Hex 225C11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#225C11 }
```

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

```
.background{ background-color:#225C11 }
```

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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