

Converting Colors

Hex(222F11)

Have a look what the booklet for
Hex(222F11) contains.

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Color

Hex(222F11)

Conversions

Conversions Part 1

Format	Color
Hex	222F11
RGB	34, 47, 17
RGB Percent	13%, 18%, 7%
CMY	0.8667, 0.8157, 0.9333
CMYK	0.28, 0.00, 0.64, 0.82
HSL	86°, 47%, 13%
HSV	86°, 64%, 18%
XYZ	1.7774, 2.4136, 0.9025
YIQ	39.6930, 1.8820, -12.0860

Conversions

Conversions Part 2

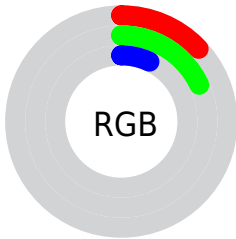
Format	Color
RYB	17, 47, 30
Decimal	2240273
CIELab	17.52, -11.78, 17.30
CIELCh	18, 20.934, 124.252
Yxy	2.4136, 0.3490, 0.4739
Android (android.graphics.Color)	4280430353 (0xFF222F11)
YUV	39.6930, -11.1876, -4.9928
Hunter-Lab	15.5357, -6.7660, 7.4307

Details

The Hex color **222F11** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1E112F**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **4F5D3C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **202F0C**, and if you desaturate by 10%, it is **242F16**.

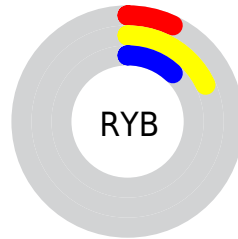
Distribution



Red (13%)

Green (18%)

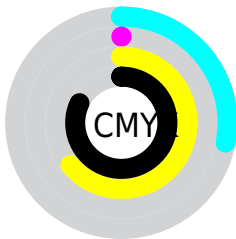
Blue (7%)



Red (7%)

Yellow (18%)

Blue (12%)

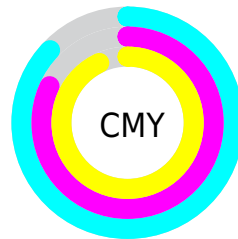


Cyan (28%)

Magenta (0%)

Yellow (64%)

Black (82%)



Cyan (87%)

Magenta (82%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 222F11 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 222F11 by changing the saturation by 10% instead.

 222F11

 222F11


 FFFFF2

 0C1B00

 4F5D3C

 000000

 687653

 818F6C

 9BAA85

 B6C59F

 D2E1BA

 EEFE66

 222F11

 222F11

■ 202F0C

■ 242F16

■ 1E2F08

■ 262F1A

■ 1C2F03

■ 282F1F

■ 1B2F00

■ 2A2F24

■ 2C2F29

■ 2E2F2D

■ 302F32

■ 322F37

■ 342F3B

Harmonies

Analogous

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



322B0B



222F11



0D321D

Triad

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



222F11



003046



471E29

Complementary

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



222F11



1E112F

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.



3F2138



222F11



132C49

Square

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



222F11



00323B



2F2644



46201B

Rectangle

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



222F11



003227



2F2644



451E2F

Sweetspot

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



222F11



383D32



2F1E11



1C1F18



9E9E9E



1F1F1F

Same Dimension

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



222F11



293D0E



132F11



161715



315700



79D600

Inverse Universe

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



1E112F



220E3D



2D112F



161517



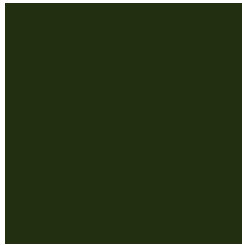
260057



5D00D6

Previews

White Background



This preview shows how the Hex color 222F11 looks on a white background.

Color Contrast Check

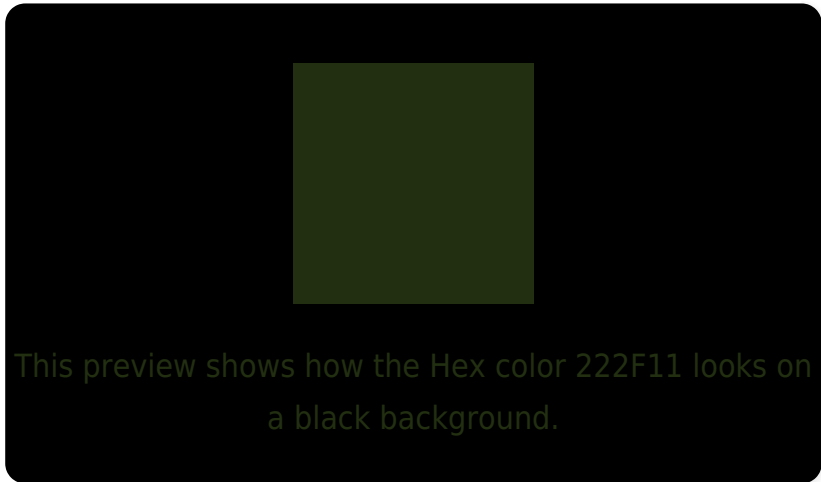
Large Text (above 18pt) WCAG AA ✓ Pass

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

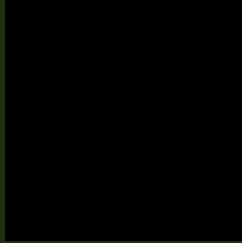
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

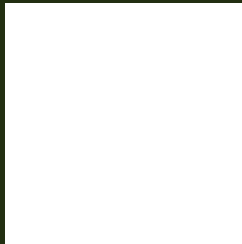
Any Text WCAG AAA × Fail

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

Hex 222F11 Background



This preview shows how black text looks on a background with the Hex color 222F11.



This preview shows how white text looks on a background with the Hex color 222F11.

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
222F11

Protanopia
302B10

Deuteranopia
352913



Tritanopia
262C30

Trichromacy



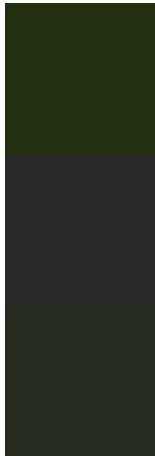
Original Color
222F11

Protanomaly
2B2C10

Deuteranomaly
2E2B12

Tritanomaly
252D25

Monochromacy



Original Color
222F11

Achromatopsia
282828

Achromatomaly
262B20

CSS Examples

Text

The CSS property to change the color of the text to Hex 222F11 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 #222F11 looks like.

```
.text, #text, p{  
    color:#222F11  
}
```

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 #222F11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #222F11
}
```

Border

The CSS property to change the border of an element to Hex 222F11 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
#222F11 }
```

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

```
.border{ border-color:#222F11 }
```

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

Here you see how a box with a 4 pixel #222F11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #222F11; -webkit-box-shadow:4px 4px  
4px 4px #222F11; box-shadow:4px 4px 4px  
4px #222F11 }
```

Background

The CSS property to change the background color of an element to Hex 222F11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#222F11 }
```

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

```
.background{ background-color:#222F11 }
```

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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