

Converting Colors

Hex(228113)

Have a look what the booklet for
Hex(228113) contains.

Hex(228113)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(228113)

Conversions

Conversions Part 1

Format	Color
Hex	228113
RGB	34, 129, 19
RGB Percent	13%, 51%, 7%
CMY	0.8667, 0.4941, 0.9255
CMYK	0.74, 0.00, 0.85, 0.49
HSL	112°, 74%, 29%
HSV	112°, 85%, 51%
XYZ	8.6275, 16.0876, 3.2666
YIQ	88.0550, -21.3100, -54.3500

Conversions

Conversions Part 2

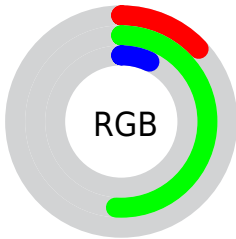
Format	Color
R_{YB}	19, 129, 114
Decimal	2261267
CIE _{Lab}	47.09, -47.23, 46.63
CIE _{LCh}	47, 66.369, 135.366
Yxy	16.0876, 0.3083, 0.5749
Android (android.graphics.Color)	4280451347 (0xFF228113)
YUV	88.0550, -34.0441, -47.4062
Hunter-Lab	40.1094, -31.7962, 23.2478

Details

The Hex color **228113** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **721381**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **5FB74A**, and **004E00** is the 20% darker color. If you saturate the color by 10%, you get **178106**, and if you desaturate by 10%, it is **2D8120**.

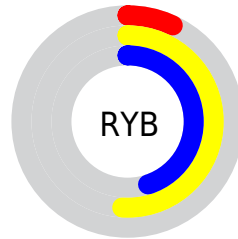
Distribution



Red (13%)

Green (51%)

Blue (7%)



Red (7%)

Yellow (51%)

Blue (45%)

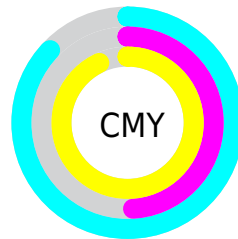


Cyan (74%)

Magenta (0%)

Yellow (85%)

Black (49%)



Cyan (87%)

Magenta (49%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 228113 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 228113 by changing the saturation by 10% instead.



228113



228113

FFFFFF



006700



5FB74A



004E00



7BD363



003600



97F07E



002000



B4FF99



000000



D1FFB4



EEFFD0



FFFFED



228113



228113

■ 178106

■ 2D8120

■ 128100

■ 38812D

■ 43813A

■ 4F8147

■ 5A8154

■ 658160

■ 70816D

■ 7B817A

■ 868187

Harmonies

Analogous

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



6D7600



228113



008651

Triad

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



228113



007EDC



D12D56

Complementary

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



228113



721381

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.



C4338D



228113



026DDD

Square

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



228113



0086BF



9552BF



C14820

Rectangle

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



228113



008879



9552BF



D02A68

Sweetspot

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



228113



83A87D



817113



3E543A



D4D4D4



545454

Same Dimension

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



228113



17A800



13813A



3A4039



118000



000000

Inverse Universe

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



721381



9100A8



81135A



3F3940



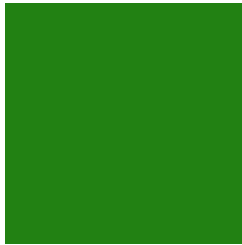
6E0080



000000

Previews

White Background



This preview shows how the Hex color 228113 looks on a white background.

Color Contrast Check

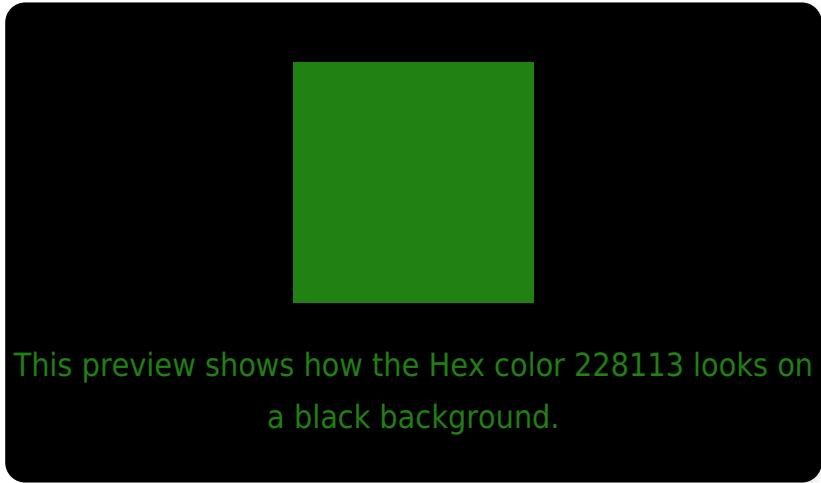
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

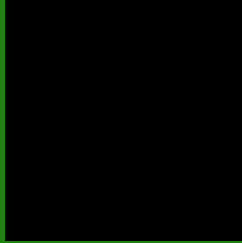
Any Text WCAG AA × Fail

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 228113 Background



This preview shows how black text looks on a background with the Hex color 228113.



This preview shows how white text looks on a background with the Hex color 228113.

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
228113

Protanopia
7D6F0E

Deuteranopia
8B6921



Tritanopia
3E7882

Trichromacy



Original Color

228113



Protanomaly

5C7610



Deuteranomaly

65721C



Tritanomaly

347B5A

Monochromacy



Original Color

228113



Achromatopsia

585858



Achromatomaly

44673F

CSS Examples

Text

The CSS property to change the color of the text to Hex 228113 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 #228113 looks like.

```
.text, #text, p{  
    color:#228113  
}
```

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 #228113 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #228113
}
```

Border

The CSS property to change the border of an element to Hex 228113 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
#228113 }
```

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

```
.border{ border-color:#228113 }
```

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

Here you see how a box with a 4 pixel #228113 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #228113; -webkit-box-shadow:4px 4px  
4px 4px #228113; box-shadow:4px 4px 4px  
4px #228113 }
```

Background

The CSS property to change the background color of an element to Hex 228113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#228113 }
```

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

```
.background{ background-color:#228113 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor