

Converting Colors

Hex(22A938)

Have a look what the booklet for
Hex(22A938) contains.

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Color

Hex(22A938)

Conversions

Conversions Part 1

Format	Color
Hex	22A938
RGB	34, 169, 56
RGB Percent	13%, 66%, 22%
CMY	0.8667, 0.3373, 0.7804
CMYK	0.80, 0.00, 0.67, 0.34
HSL	130°, 67%, 40%
HSV	130°, 80%, 66%
XYZ	15.5615, 29.0015, 8.5191
YIQ	115.7530, -44.1870, -63.7630

Conversions

Conversions Part 2

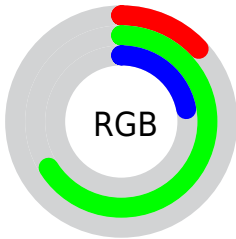
Format	Color
RYB	34, 150, 169
Decimal	2271544
CIELab	60.78, -57.43, 46.84
CIELCh	61, 74.111, 140.797
Yxy	29.0015, 0.2932, 0.5464
Android (android.graphics.Color)	4280461624 (0xFF22A938)
YUV	115.7530, -29.4582, -71.6974
Hunter-Lab	53.8531, -42.6633, 28.3180

Details

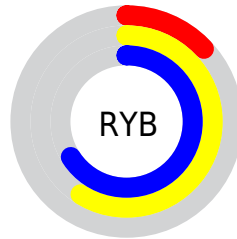
The Hex color **22A938** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A92293**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **67E16C**, and **007300** is the 20% darker color. If you saturate the color by 10%, you get **11A92A**, and if you desaturate by 10%, it is **33A946**.

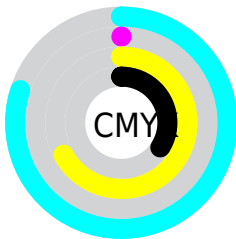
Distribution



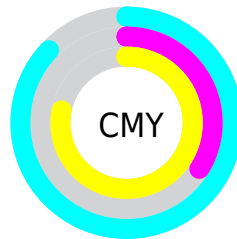
- Red (13%)
- Green (66%)
- Blue (22%)



- Red (13%)
- Yellow (59%)
- Blue (66%)



- Cyan (80%)
- Magenta (0%)
- Yellow (67%)
- Black (34%)



- Cyan (87%)
- Magenta (34%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22A938 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 22A938 by changing the saturation by 10% instead.

 22A938

 22A938

FFFFFF

 008E1D

 67E16C

 007300

 85FF87

 005A00

 A3FFA2

 004100

 C1FFBE

 002A00

 DFFFFA

 000500

 FDFDF7

 000000

 22A938

 22A938

 11A92A

 33A946

■ 00A91C

■ 44A954

■ 55A962

■ 66A971

■ 76A97F

■ 87A98D

■ 98A99B

■ A9A9A9

■ BAA9B7

Harmonies

Analogous

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



859D00



22A938



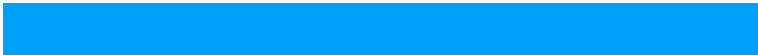
00AF7C

Triad

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



22A938



00A0FF



FF4F68

Complementary

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



22A938



A92293

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.



FC4DAA



22A938



628AFF

Square

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



22A938



00ACF8



CC6AE6



EE6C2B

Rectangle

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



22A938



00B0A9



CC6AE6



FF4A7E

Sweetspot

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



22A938



A7DBAF



95A922



4E6E53



EDEDED



6E6E6E

Same Dimension

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



22A938



09DB2B



22A97A



4C544D



009418



001403

Inverse Universe

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



A92293



DB09B9



A92251



544C53



94007C



140011

Previews

White Background



This preview shows how the Hex color 22A938 looks on a white background.

Color Contrast Check

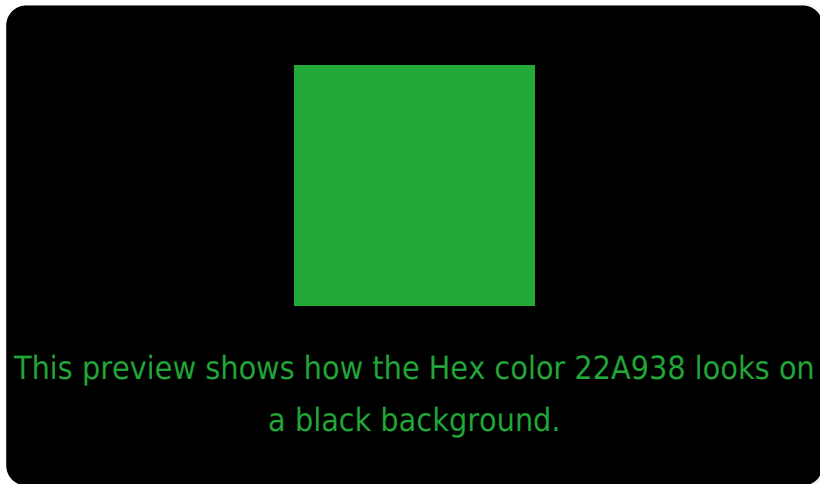
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

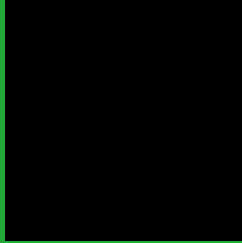
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 22A938 Background



This preview shows how black text looks on a background with the Hex color 22A938.

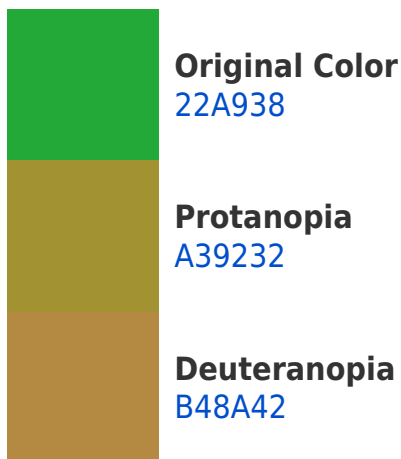


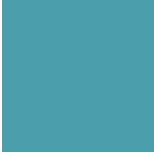
This preview shows how white text looks on a background with the Hex color 22A938.

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





Tritanopia
4B9EAB

Trichromacy



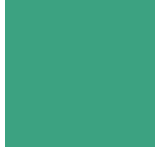
Original Color
22A938



Protanomaly
749A34



Deuteranomaly
7F953E



Tritanomaly
3CA281

Monochromacy



Original Color
22A938



Achromatopsia
747474



Achromatomaly
56875E

CSS Examples

Text

The CSS property to change the color of the text to Hex 22A938 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 #22A938 looks like.

```
.text, #text, p{  
    color:#22A938  
}
```

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 #22A938 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22A938  
}
```

Border

The CSS property to change the border of an element to Hex 22A938 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  
#22A938 }
```

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

```
.border{ border-color:#22A938 }
```

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

Here you see how a box with a 4 pixel #22A938 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22A938; -webkit-box-shadow:4px 4px  
4px 4px #22A938; box-shadow:4px 4px 4px  
4px #22A938 }
```

Background

The CSS property to change the background color of an element to Hex 22A938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22A938 }
```

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

```
.background{ background-color:#22A938 }
```

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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