

Converting Colors

Hex(22AA2D)

Have a look what the booklet for
Hex(22AA2D) contains.

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Color

Hex(22AA2D)

Conversions

Conversions Part 1

Format	Color
Hex	22AA2D
RGB	34, 170, 45
RGB Percent	13%, 67%, 18%
CMY	0.8667, 0.3333, 0.8235
CMYK	0.80, 0.00, 0.74, 0.33
HSL	125°, 67%, 40%
HSV	125°, 80%, 67%
XYZ	15.5081, 29.2790, 7.3167
YIQ	115.0860, -40.9310, -67.7070

Conversions

Conversions Part 2

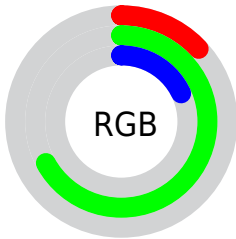
Format	Color
RYB	34, 160, 170
Decimal	2271789
CIELab	61.03, -58.79, 51.49
CIELCh	61, 78.157, 138.787
Yxy	29.2790, 0.2976, 0.5619
Android (android.graphics.Color)	4280461869 (0xFF22AA2D)
YUV	115.0860, -34.5524, -71.1124
Hunter-Lab	54.1101, -43.5341, 29.8599

Details

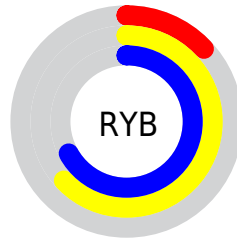
The Hex color **22AA2D** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **AA229F**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **68E363**, and **007400** is the 20% darker color. If you saturate the color by 10%, you get **11AA1D**, and if you desaturate by 10%, it is **33AA3D**.

Distribution



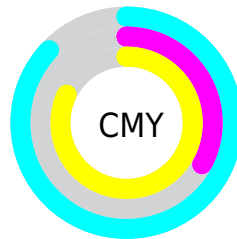
- Red (13%)
- Green (67%)
- Blue (18%)



- Red (13%)
- Yellow (63%)
- Blue (67%)



- Cyan (80%)
- Magenta (0%)
- Yellow (74%)
- Black (33%)



- Cyan (87%)
- Magenta (33%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22AA2D 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 22AA2D by changing the saturation by 10% instead.

 22AA2D

 22AA2D

FFFFFF

 008F0C

 68E363

 007400

 86FF7D

 005A00

 A4FF98

 004100

 C2FFB4

 002B00

 E0FFD1

 000700

 FEFFED

 000000

 22AA2D

 22AA2D

 11AA1D

 33AA3D

■ 00AA0E

■ 44AA4C

■ 55AA5C

■ 66AA6B

■ 77AA7B

■ 88AA8B

■ 99AA9A

■ AAAAAA

■ BBAABA

Harmonies

Analogous

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



889D00



22AA2D



00B076

Triad

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



22AA2D



00A3FF



FF476B

Complementary

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



22AA2D



AA229F

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.



FF48B0



22AA2D



4C8CFF

Square

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



22AA2D



00AFFB



CB6AEF



F56729

Rectangle

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



22AA2D



00B2A6



CB6AEF



FF4282

Sweetspot

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



22AA2D



A9DEAD



A1AA22



507052



F0F0F0



707070

Same Dimension

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



22AA2D



09DE1A



22AA6F



4C544C



00940C



001402

Inverse Universe

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



AA229F



DE09CD



AA225D



544C53



940088



140013

Previews

White Background



This preview shows how the Hex color 22AA2D looks on a white background.

Color Contrast Check

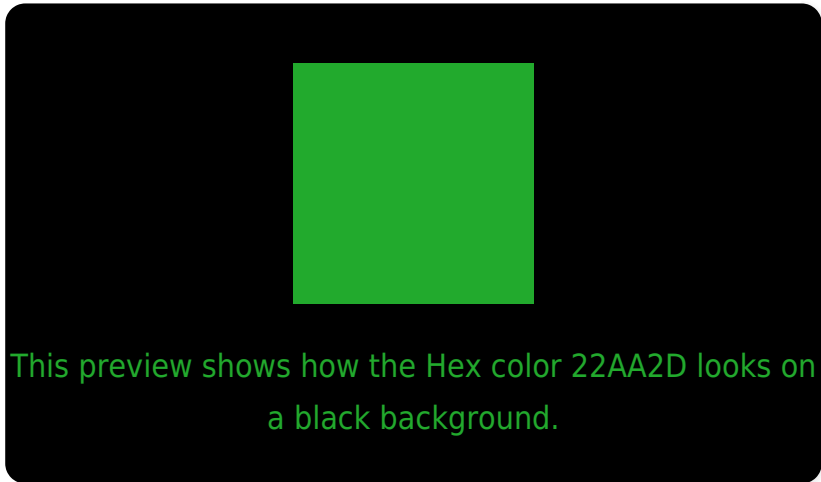
Large Text (above 18pt) WCAG AA ✓ Pass

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 22AA2D Background



This preview shows how black text looks on a background with the Hex color 22AA2D.

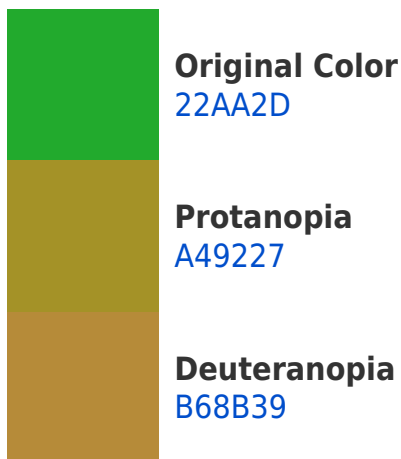


This preview shows how white text looks on a background with the Hex color 22AA2D.

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
4C9FAB

Trichromacy



Original Color
22AA2D



Protanomaly
759B29



Deuteranomaly
809635



Tritanomaly
3DA37D

Monochromacy



Original Color
22AA2D



Achromatopsia
737373



Achromatomaly
56875A

CSS Examples

Text

The CSS property to change the color of the text to Hex 22AA2D 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 #22AA2D looks like.

```
.text, #text, p{  
    color:#22AA2D  
}
```

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 #22AA2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22AA2D
}
```

Border

The CSS property to change the border of an element to Hex 22AA2D 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
#22AA2D }
```

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

```
.border{ border-color:#22AA2D }
```

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

Here you see how a box with a 4 pixel #22AA2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22AA2D; -webkit-box-shadow:4px 4px  
4px 4px #22AA2D; box-shadow:4px 4px 4px  
4px #22AA2D }
```

Background

The CSS property to change the background color of an element to Hex 22AA2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22AA2D }
```

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

```
.background{ background-color:#22AA2D }
```

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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