

Converting Colors

Hex(22A816)

Have a look what the booklet for
Hex(22A816) contains.

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Color

Hex(22A816)

Conversions

Conversions Part 1

Format	Color
Hex	22A816
RGB	34, 168, 22
RGB Percent	13%, 66%, 9%
CMY	0.8667, 0.3412, 0.9137
CMYK	0.80, 0.00, 0.87, 0.34
HSL	115°, 77%, 37%
HSV	115°, 87%, 66%
XYZ	14.8071, 28.4033, 5.4610
YIQ	111.2900, -32.9980, -73.8140

Conversions

Conversions Part 2

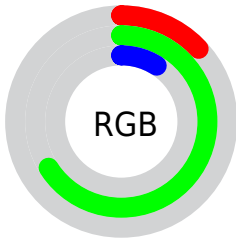
Format	Color
R_{YB}	22, 168, 156
Decimal	2271254
CIE _{Lab}	60.25, -59.63, 57.71
CIE _{LCh}	60, 82.985, 135.937
Yxy	28.4033, 0.3042, 0.5836
Android (android.graphics.Color)	4280461334 (0xFF22A816)
YUV	111.2900, -44.0200, -67.7833
Hunter-Lab	53.2947, -43.6722, 31.2310

Details

The Hex color **22A816** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **9C16A8**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **69E052**, and **007200** is the 20% darker color. If you saturate the color by 10%, you get **13A805**, and if you desaturate by 10%, it is **31A827**.

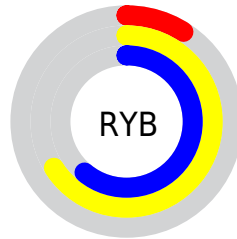
Distribution



 Red (13%)

 Green (66%)

 Blue (9%)



 Red (9%)

 Yellow (66%)

 Blue (61%)

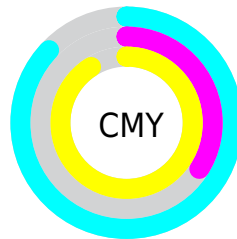



 Cyan (80%)

 Magenta (0%)

 Yellow (87%)

 Black (34%)



 Cyan (87%)

 Magenta (34%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22A816 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 22A816 by changing the saturation by 10% instead.

 22A816

 22A816

FFFFFF

 008D00

 69E052

 007200

 87FE6D

 005900

 A5FF89

 004000

 C3FFA5

 002900

 E1FFC1

 000200

 FFFFDE

 000000

 FFFFFB

 22A816

 22A816

 13A805

 31A827

 0EA800

 41A838

 50A848

 60A859

 6FA86A

 7FA87B

 8EA88C

 9DA89C

 ADA8AD

Harmonies

Analogous

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



8B9A00



22A816



00AF6B

Triad

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



22A816



00A4FF



FF376E

Complementary

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



22A816



9C16A8

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.



FF3EB7



22A816



008DFF

Square

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



22A816



00AEFA



C368F8



FA5D26

Rectangle

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



22A816



00B19E



C368F8



FF3186

Sweetspot

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



22A816



A7DBA2



A89C16



4E6E4C



EDEDED



6E6E6E

Same Dimension

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



22A816



12DB00



16A853



4C544C



0C9400



021400

Inverse Universe

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



9C16A8



C900DB



A8166B



534C54



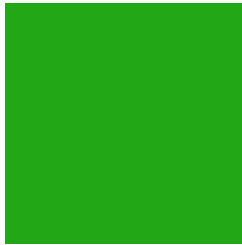
880094



130014

Previews

White Background



This preview shows how the Hex color 22A816 looks on a white background.

Color Contrast Check

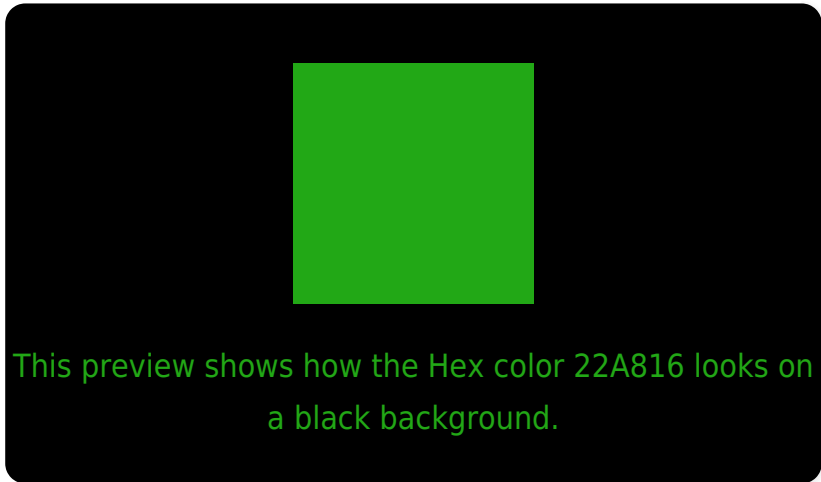
Large Text (above 18pt) WCAG AA ✓ Pass

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 22A816 Background



This preview shows how black text looks on a background with the Hex color 22A816.



This preview shows how white text looks on a background with the Hex color 22A816.

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
22A816

Protanopia
A3910E

Deuteranopia
B58929



Tritanopia
4C9CA9

Trichromacy



Original Color
22A816



Protanomaly
749911



Deuteranomaly
809422



Tritanomaly
3DA074

Monochromacy



Original Color
22A816



Achromatopsia
6F6F6F



Achromatomaly
53844F

CSS Examples

Text

The CSS property to change the color of the text to Hex 22A816 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 #22A816 looks like.

```
.text, #text, p{  
    color:#22A816  
}
```

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 #22A816 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22A816
}
```

Border

The CSS property to change the border of an element to Hex 22A816 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
#22A816 }
```

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

```
.border{ border-color:#22A816 }
```

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

Here you see how a box with a 4 pixel #22A816 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22A816; -webkit-box-shadow:4px 4px  
4px 4px #22A816; box-shadow:4px 4px 4px  
4px #22A816 }
```

Background

The CSS property to change the background color of an element to Hex 22A816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22A816 }
```

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

```
.background{ background-color:#22A816 }
```

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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