

Converting Colors

Hex(22A60A)

Have a look what the booklet for
Hex(22A60A) contains.

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Color

Hex(22A60A)

Conversions

Conversions Part 1

Format	Color
Hex	22A60A
RGB	34, 166, 10
RGB Percent	13%, 65%, 4%
CMY	0.8667, 0.3490, 0.9608
CMYK	0.80, 0.00, 0.94, 0.35
HSL	111°, 89%, 35%
HSV	111°, 94%, 65%
XYZ	14.3507, 27.6344, 4.8648
YIQ	108.7480, -28.5960, -76.5000

Conversions

Conversions Part 2

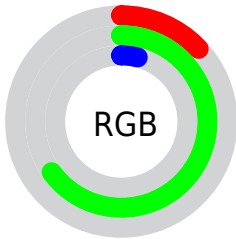
Format	Color
RYB	10, 166, 142
Decimal	2270730
CIELab	59.56, -59.43, 59.30
CIElCh	60, 83.958, 135.062
Yxy	27.6344, 0.3063, 0.5899
Android (android.graphics.Color)	4280460810 (0xFF22A60A)
YUV	108.7480, -48.6828, -65.5540
Hunter-Lab	52.5685, -43.2660, 31.3111

Details

The Hex color **22A60A** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **8E0AA6**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **69DE4C**, and **007000** is the 20% darker color. If you saturate the color by 10%, you get **1AA600**, and if you desaturate by 10%, it is **30A61B**.

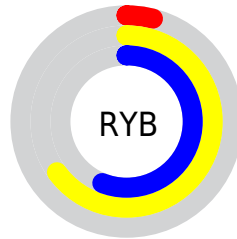
Distribution



Red (13%)

Green (65%)

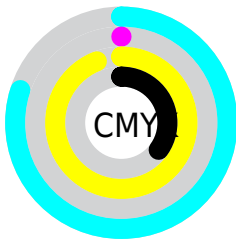
Blue (4%)



Red (4%)

Yellow (65%)

Blue (56%)

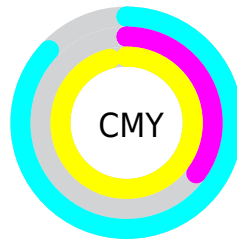


Cyan (80%)

Magenta (0%)

Yellow (94%)

Black (35%)



Cyan (87%)

Magenta (35%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22A60A 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 22A60A by changing the saturation by 10% instead.



22A60A



22A60A

FFFFFF



008B00



69DE4C



007000



87FB68



005700



A5FF83



003E00



C2FF9F



002700



E1FFBB



000000



FFFFD8



FFFFF5



22A60A



22A60A

 1AA600

 30A61B

 3EA62B

 4CA63C

 5AA64C

 68A65D

 76A66E

 84A67E

 92A68F

 A0A69F

Harmonies

Analogous

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



8B9800



22A60A



00AD66

Triad

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



22A60A



00A3FF



FF306E

Complementary

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



22A60A



8E0AA6

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.



FF3AB8



22A60A



008CFF

Square

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



22A60A



00ADF7



BF67F9



FA5925

Rectangle

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



22A60A



00AF9A



BF67F9



FF2A86

Sweetspot

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



22A60A



A5D99C



A68C0A



4E6E48



EDEDED



6E6E6E

Same Dimension

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



22A60A



21D900



0AA63E



4D544C



179400



031400

Inverse Universe

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



8E0AA6



B700D9



A60A72



534C54



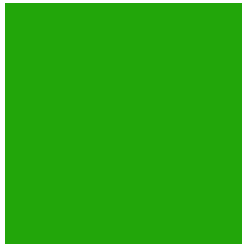
7D0094



110014

Previews

White Background



This preview shows how the Hex color 22A60A looks on a white background.

Color Contrast Check

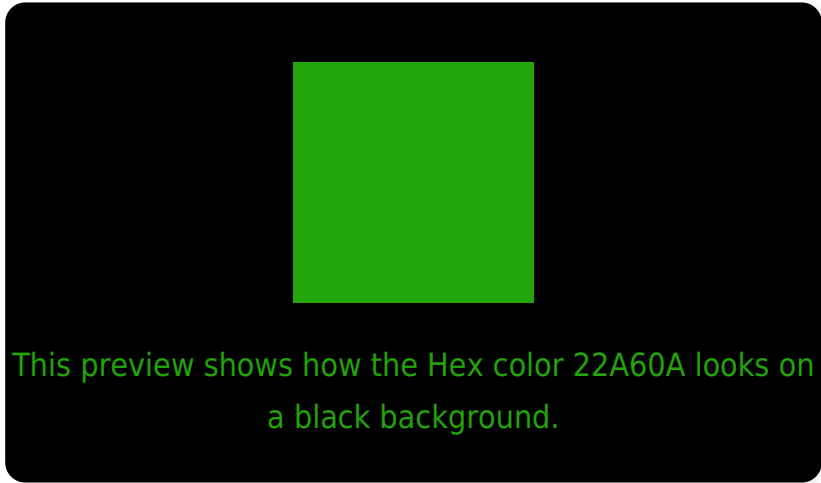
Large Text (above 18pt) WCAG AA ✓ Pass

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

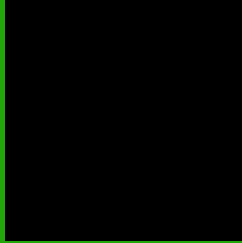
Any Text WCAG AA ✓ Pass

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 22A60A Background



This preview shows how black text looks on a background with the Hex color 22A60A.



This preview shows how white text looks on a background with the Hex color 22A60A.

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](#).

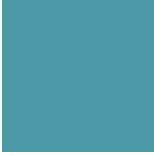
Dichromacy



Original Color
22A60A

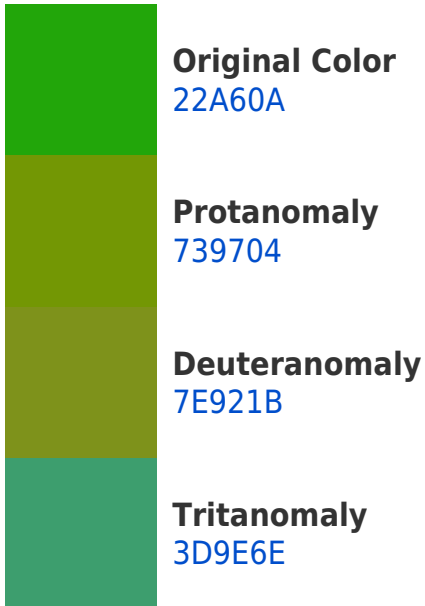
Protanopia
A18F00

Deuteranopia
B38725

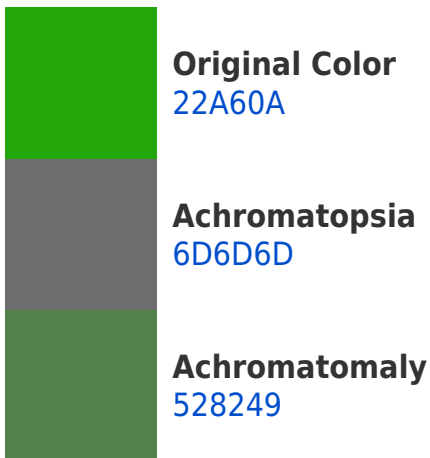


Tritanopia
4C9AA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 22A60A 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 #22A60A looks like.

```
.text, #text, p{  
    color:#22A60A  
}
```

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 #22A60A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22A60A
}
```

Border

The CSS property to change the border of an element to Hex 22A60A 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
#22A60A }
```

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

```
.border{ border-color:#22A60A }
```

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

Here you see how a box with a 4 pixel #22A60A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22A60A; -webkit-box-shadow:4px 4px  
4px 4px #22A60A; box-shadow:4px 4px 4px  
4px #22A60A }
```

Background

The CSS property to change the background color of an element to Hex 22A60A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22A60A }
```

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

```
.background{ background-color:#22A60A }
```

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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