

Converting Colors

Hex(22AA31)

Have a look what the booklet for
Hex(22AA31) contains.

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Color

Hex(22AA31)

Conversions

Conversions Part 1

Format	Color
Hex	22AA31
RGB	34, 170, 49
RGB Percent	13%, 67%, 19%
CMY	0.8667, 0.3333, 0.8078
CMYK	0.80, 0.00, 0.71, 0.33
HSL	127°, 67%, 40%
HSV	127°, 80%, 67%
XYZ	15.5888, 29.3113, 7.7418
YIQ	115.5420, -42.2150, -66.4630

Conversions

Conversions Part 2

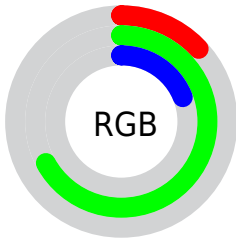
Format	Color
RYB	34, 156, 170
Decimal	2271793
CIELab	61.06, -58.44, 50.00
CIELCh	61, 76.912, 139.453
Yxy	29.3113, 0.2961, 0.5568
Android (android.graphics.Color)	4280461873 (0xFF22AA31)
YUV	115.5420, -32.8052, -71.5123
Hunter-Lab	54.1399, -43.3484, 29.4197

Details

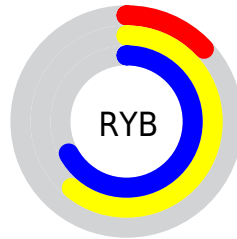
The Hex color **22AA31** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **AA229B**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **68E366**, and **007400** is the 20% darker color. If you saturate the color by 10%, you get **11AA22**, and if you desaturate by 10%, it is **33AA40**.

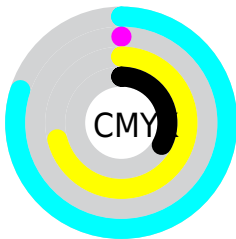
Distribution



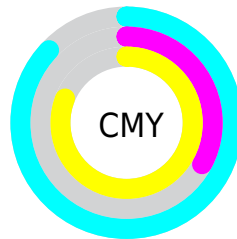
- Red (13%)
- Green (67%)
- Blue (19%)



- Red (13%)
- Yellow (61%)
- Blue (67%)



- Cyan (80%)
- Magenta (0%)
- Yellow (71%)
- Black (33%)



- Cyan (87%)
- Magenta (33%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22AA31 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 22AA31 by changing the saturation by 10% instead.

 22AA31

 22AA31

FFFFFF

 008F13

 68E366

 007400

 86FF81

 005A00

 A4FF9C

 004100

 C2FFB8

 002B00

 E0FFD4


 000700

 FEFFF1

 000000

 22AA31

 22AA31

 11AA22

 33AA40

■ 00AA13

■ 44AA4F

■ 55AA5E

■ 66AA6D

■ 77AA7D

■ 88AA8C

■ 99AA9B

■ AAAAAA

■ BBAAB9

Harmonies

Analogous

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



879D00



22AA31



00B078

Triad

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



22AA31



00A3FF



FF4A6B

Complementary

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



22AA31



AA229B

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.



FF4AAE



22AA31



558CFF

Square

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



22AA31



00AEFA



CC6AED



F3692A

Rectangle

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



22AA31



00B2A8



CC6AED



FF4581

Sweetspot

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



22AA31



A9DEAE



9CAA22



507053



F0F0F0



707070

Same Dimension

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



22AA31



09DE20



22AA74



4C544D



009410



001402

Inverse Universe

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



AA229B



DE09C6



AA2258



544C53



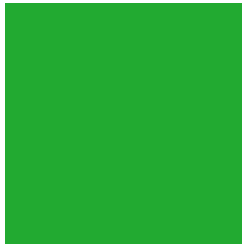
940084



140012

Previews

White Background



This preview shows how the Hex color 22AA31 looks on a white background.

Color Contrast Check

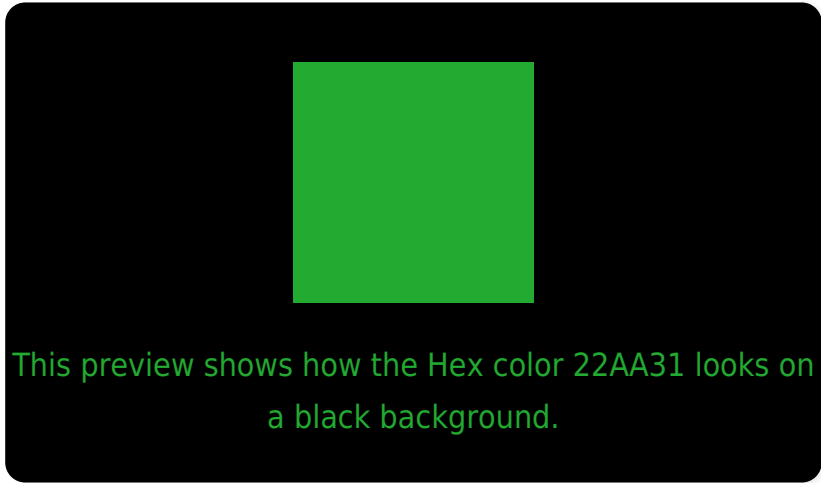
Large Text (above 18pt) WCAG AA ✓ Pass

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 22AA31 Background



This preview shows how black text looks on a background with the Hex color 22AA31.

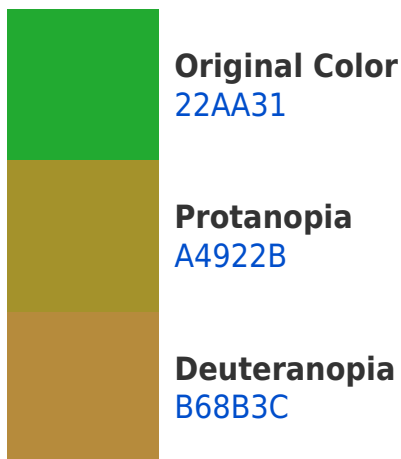


This preview shows how white text looks on a background with the Hex color 22AA31.

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](#).

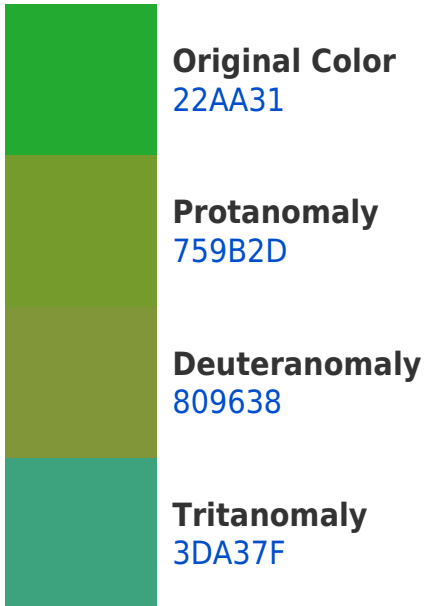
Dichromacy





Tritanopia
4C9FAC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 22AA31 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 #22AA31 looks like.

```
.text, #text, p{  
    color:#22AA31  
}
```

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 #22AA31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22AA31
}
```

Border

The CSS property to change the border of an element to Hex 22AA31 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
#22AA31 }
```

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

```
.border{ border-color:#22AA31 }
```

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

Here you see how a box with a 4 pixel #22AA31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22AA31; -webkit-box-shadow:4px 4px  
4px 4px #22AA31; box-shadow:4px 4px 4px  
4px #22AA31 }
```

Background

The CSS property to change the background color of an element to Hex 22AA31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22AA31 }
```

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

```
.background{ background-color:#22AA31 }
```

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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