

Converting Colors

Hex(21AB38)

Have a look what the booklet for
Hex(21AB38) contains.

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Color

Hex(21AB38)

Conversions

Conversions Part 1

Format	Color
Hex	21AB38
RGB	33, 171, 56
RGB Percent	13%, 67%, 22%
CMY	0.8706, 0.3294, 0.7804
CMYK	0.81, 0.00, 0.67, 0.33
HSL	130°, 68%, 40%
HSV	130°, 81%, 67%
XYZ	15.9039, 29.7347, 8.6425
YIQ	116.6280, -45.3330, -65.0210

Conversions

Conversions Part 2

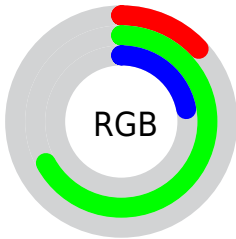
Format	Color
RYB	33, 151, 171
Decimal	2206520
CIELab	61.42, -58.20, 47.54
CIElCh	61, 75.150, 140.759
Yxy	29.7347, 0.2930, 0.5478
Android (android.graphics.Color)	4280396600 (0xFF21AB38)
YUV	116.6280, -29.8896, -73.3418
Hunter-Lab	54.5295, -43.3659, 28.7736

Details

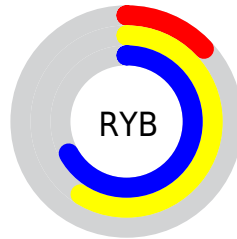
The Hex color **21AB38** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **AB2194**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **68E46C**, and **007500** is the 20% darker color. If you saturate the color by 10%, you get **10AB2A**, and if you desaturate by 10%, it is **32AB46**.

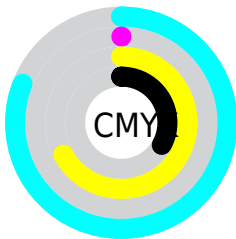
Distribution



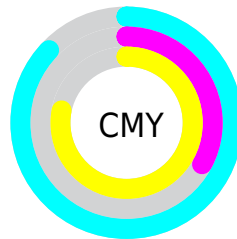
- Red (13%)
- Green (67%)
- Blue (22%)



- Red (13%)
- Yellow (59%)
- Blue (67%)



- Cyan (81%)
- Magenta (0%)
- Yellow (67%)
- Black (33%)



- Cyan (87%)
- Magenta (33%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21AB38 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 21AB38 by changing the saturation by 10% instead.

 21AB38

 21AB38

FFFFFF

 00901C

 68E46C

 007500

 86FF87

 005B00

 A3FFA2

 004200

 C1FFBE

 002C00

 DFFFFA

 000A00

 FDFFF7

 000000

 21AB38

 21AB38

 10AB2A

 32AB46

 00AB1C

 43AB54

 54AB63

 65AB71

 77AB7F

 88AB8D

 99AB9C

 AAABAA

 BBABB8

Harmonies

Analogous

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



869F00



21AB38



00B17D

Triad

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



21AB38



00A2FF



FF4F6A

Complementary

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



21AB38



AB2194

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.



FF4DAC



21AB38



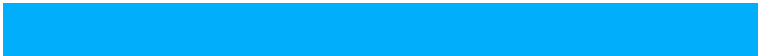
628CFF

Square

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



21AB38



00AEFB



CF6BE9



F16D2B

Rectangle

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



21AB38



00B2AB



CF6BE9



FF4A7F

Sweetspot

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



21AB38



A9DEB1



94AB21



507055



F0F0F0



707070

Same Dimension

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



21AB38



07DE2B



21AB7D



4E574F



009619



001704

Inverse Universe

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



AB2194



DE07BA



AB214F



574E55



96007D



170013

Previews

White Background



This preview shows how the Hex color 21AB38 looks on a white background.

Color Contrast Check

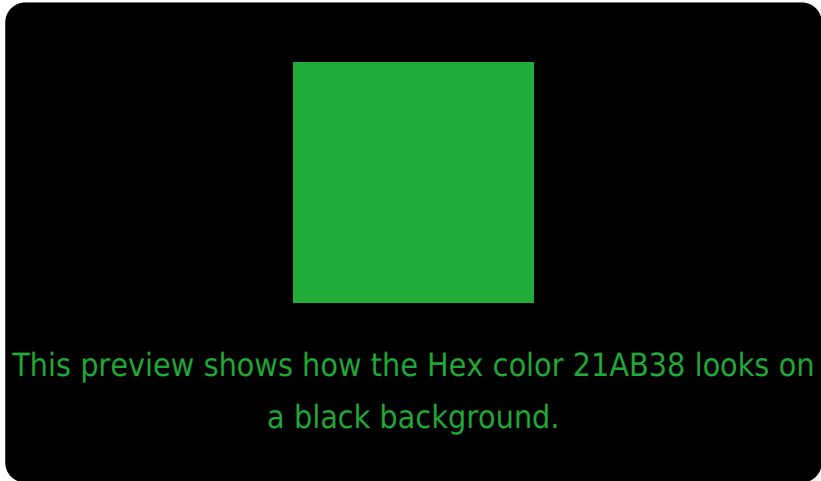
Large Text (above 18pt) WCAG AA ✓ Pass

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 21AB38 Background



This preview shows how black text looks on a background with the Hex color 21AB38.

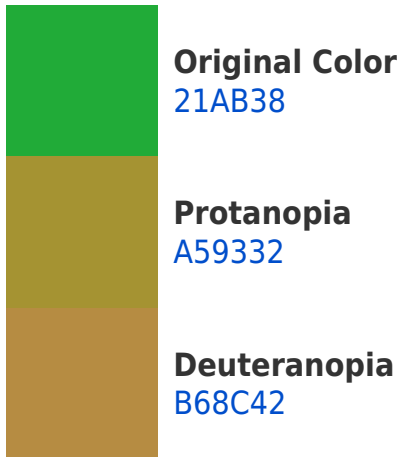


This preview shows how white text looks on a background with the Hex color 21AB38.

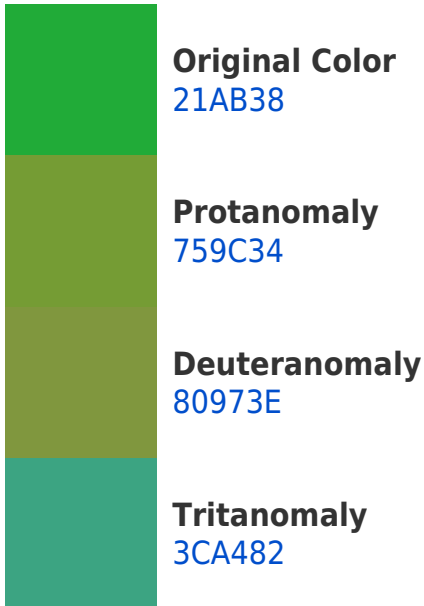
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 21AB38 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 #21AB38 looks like.

```
.text, #text, p{  
    color:#21AB38  
}
```

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 #21AB38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21AB38
}
```

Border

The CSS property to change the border of an element to Hex 21AB38 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
#21AB38 }
```

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

```
.border{ border-color:#21AB38 }
```

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

Here you see how a box with a 4 pixel #21AB38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21AB38; -webkit-box-shadow:4px 4px  
4px 4px #21AB38; box-shadow:4px 4px 4px  
4px #21AB38 }
```

Background

The CSS property to change the background color of an element to Hex 21AB38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21AB38 }
```

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

```
.background{ background-color:#21AB38 }
```

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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