

Converting Colors

Hex(22BA48)

Have a look what the booklet for
Hex(22BA48) contains.

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Color

Hex(22BA48)

Conversions

Conversions Part 1

Format	Color
Hex	22BA48
RGB	34, 186, 72
RGB Percent	13%, 73%, 28%
CMY	0.8667, 0.2706, 0.7176
CMYK	0.82, 0.00, 0.61, 0.27
HSL	135°, 69%, 43%
HSV	135°, 82%, 73%
XYZ	19.3883, 35.9258, 12.0434
YIQ	127.5560, -53.9980, -67.6780

Conversions

Conversions Part 2

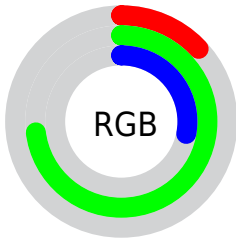
Format	Color
RYB	34, 156, 186
Decimal	2275912
CIELab	66.46, -61.11, 46.17
CIELCh	66, 76.595, 142.928
Yxy	35.9258, 0.2878, 0.5334
Android (android.graphics.Color)	4280465992 (0xFF22BA48)
YUV	127.5560, -27.3891, -82.0486
Hunter-Lab	59.9381, -47.1520, 30.0435

Details

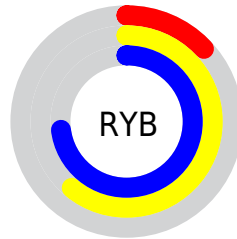
The Hex color **22BA48** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **BA2294**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **6BF37C**, and **008311** is the 20% darker color. If you saturate the color by 10%, you get **0FBA3A**, and if you desaturate by 10%, it is **35BA56**.

Distribution



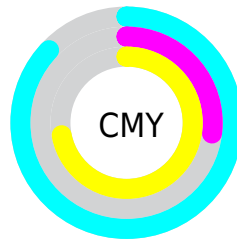
- Red (13%)
- Green (73%)
- Blue (28%)



- Red (13%)
- Yellow (61%)
- Blue (73%)



- Cyan (82%)
- Magenta (0%)
- Yellow (61%)
- Black (27%)



- Cyan (87%)
- Magenta (27%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22BA48 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 22BA48 by changing the saturation by 10% instead.

 22BA48

 22BA48

FFFFFF

 009E2E

 6BF37C

 008311

 8AFF97

 006900

 A8FFB3

 004F00

 C6FFCF

 003700

 E5FFEC

 001F00

 000000

 22BA48

 22BA48

 0FBA3A

 35BA56

■ 00BA2F

■ 47BA64

■ 5ABA72

■ 6CBA80

■ 7FBA8E

■ 92BA9C

■ A4BAAA

■ B7BAB8

■ C9BAC6

Harmonies

Analogous

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



8FAE00



22BA48



00C08E

Triad

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



22BA48



00AFFF



FF5E70

Complementary

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



22BA48



BA2294

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.



FF5AB5



22BA48



7D96FF

Square

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



22BA48



00BCFF



E475F6



FF7B31

Rectangle

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



22BA48



00C1BE



E475F6



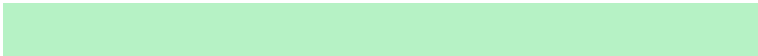
FF5987

Sweetspot

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



22BA48



B6F2C5



94BA22



567A5F



FAFAFA



7A7A7A

Same Dimension

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



22BA48



05F240



22BA94



535C55



009C27



001C07

Inverse Universe

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



BA2294



F205B7



BA2248



5C535A



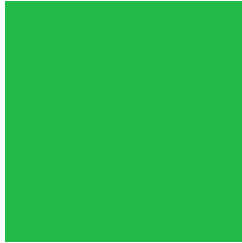
9C0075



1C0015

Previews

White Background



This preview shows how the Hex color 22BA48 looks on a white background.

Color Contrast Check

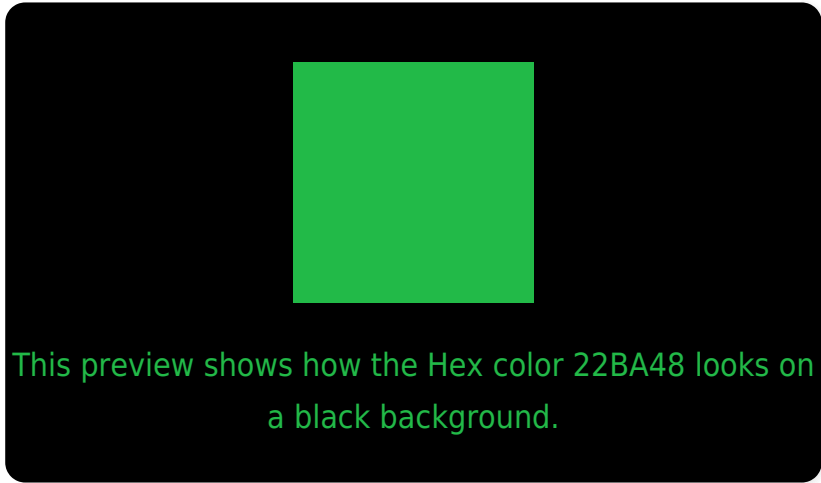
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 22BA48 Background



This preview shows how black text looks on a background with the Hex color 22BA48.

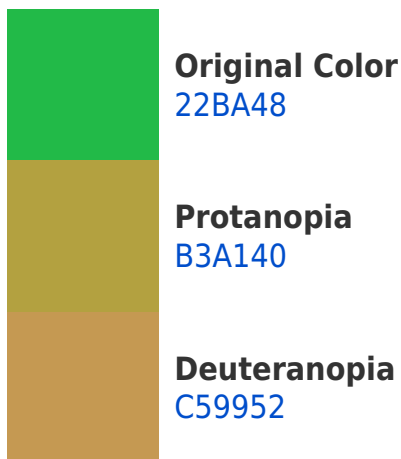


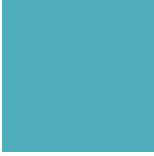
This preview shows how white text looks on a background with the Hex color 22BA48.

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](#).

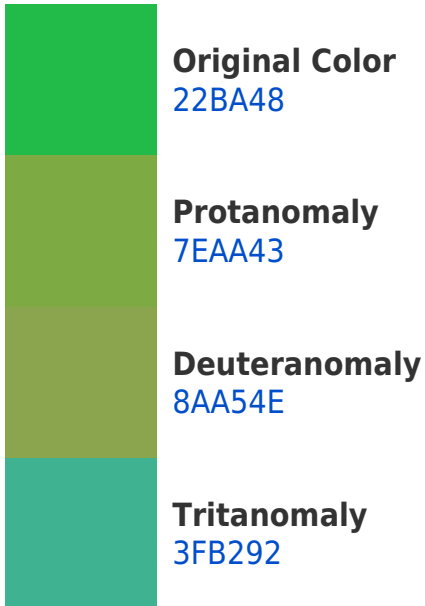
Dichromacy



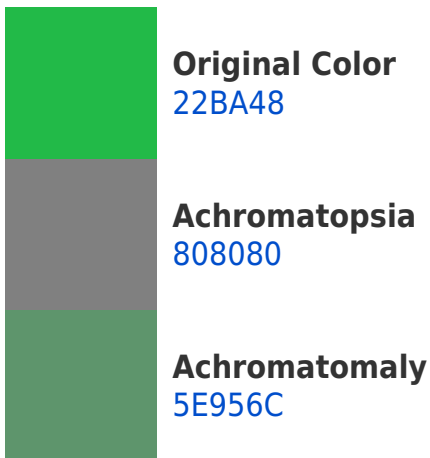


Tritanopia
50AEB3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 22BA48 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 #22BA48 looks like.

```
.text, #text, p{  
    color:#22BA48  
}
```

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 #22BA48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22BA48
}
```

Border

The CSS property to change the border of an element to Hex 22BA48 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
#22BA48 }
```

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

```
.border{ border-color:#22BA48 }
```

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

Here you see how a box with a 4 pixel #22BA48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22BA48; -webkit-box-shadow:4px 4px  
4px 4px #22BA48; box-shadow:4px 4px 4px  
4px #22BA48 }
```

Background

The CSS property to change the background color of an element to Hex 22BA48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22BA48 }
```

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

```
.background{ background-color:#22BA48 }
```

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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