

Converting Colors

Hex(22AB42)

Have a look what the booklet for
Hex(22AB42) contains.

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Color

Hex(22AB42)

Conversions

Conversions Part 1

Format	Color
Hex	22AB42
RGB	34, 171, 66
RGB Percent	13%, 67%, 26%
CMY	0.8667, 0.3294, 0.7412
CMYK	0.80, 0.00, 0.61, 0.33
HSL	134°, 67%, 40%
HSV	134°, 80%, 67%
XYZ	16.2060, 29.8592, 10.0635
YIQ	118.0670, -47.9470, -61.6990

Conversions

Conversions Part 2

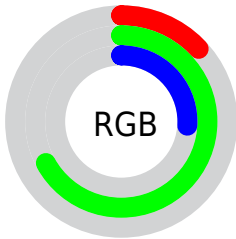
Format	Color
RYB	34, 145, 171
Decimal	2272066
CIELab	61.53, -56.94, 43.25
CIElCh	62, 71.500, 142.778
Yxy	29.8592, 0.2887, 0.5320
Android (android.graphics.Color)	4280462146 (0xFF22AB42)
YUV	118.0670, -25.6690, -73.7268
Hunter-Lab	54.6436, -42.6876, 27.3313

Details

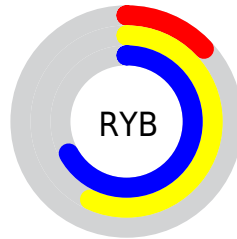
The Hex color **22AB42** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **AB228B**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **68E475**, and **00750B** is the 20% darker color. If you saturate the color by 10%, you get **11AB35**, and if you desaturate by 10%, it is **33AB4F**.

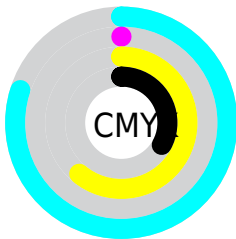
Distribution



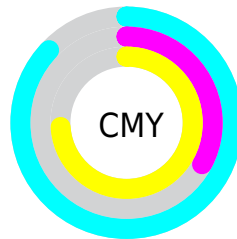
- Red (13%)
- Green (67%)
- Blue (26%)



- Red (13%)
- Yellow (57%)
- Blue (67%)



- Cyan (80%)
- Magenta (0%)
- Yellow (61%)
- Black (33%)



- Cyan (87%)
- Magenta (33%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22AB42 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 22AB42 by changing the saturation by 10% instead.

 22AB42

 22AB42

FFFFFF

 009028

 68E475

 00750B

 86FF90

 005B00

 A3FFAB

 004200

 C1FFC7

 002C00

 DFFFE4

 000A00

FDFFFF

 000000

 22AB42

 22AB42

 11AB35

 33AB4F

 00AB28

 44AB5C

 55AB69

 66AB76

 77AB84

 89AB91

 9AAB9E

 ABABAB

 BCABB8

Harmonies

Analogous

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



84A000



22AB42



00B083

Triad

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



22AB42



00A1FF



FF5768

Complementary

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



22AB42



AB228B

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.



FD53A7



22AB42



728AFF

Square

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



22AB42



00ADF9



D16CE2



EC712E

Rectangle

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



22AB42



00B2AF



D16CE2



FF527C

Sweetspot

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



22AB42



A9DEB5



8BAB22



507057



F0F0F0



707070

Same Dimension

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



22AB42



09DE3B



22AB86



4E5750



009623



001705

Inverse Universe

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



AB228B



DE09AC



AB2247



574E55



960073



170012

Previews

White Background



This preview shows how the Hex color 22AB42 looks on a white background.

Color Contrast Check

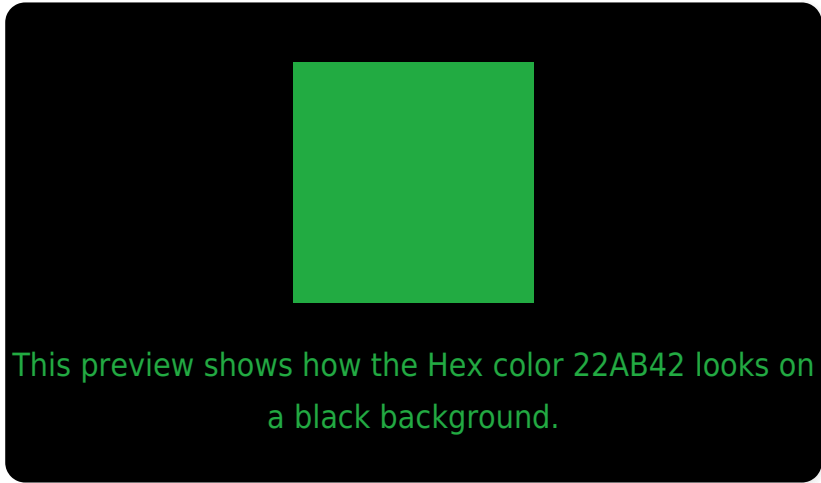
Large Text (above 18pt) WCAG AA ✓ Pass

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

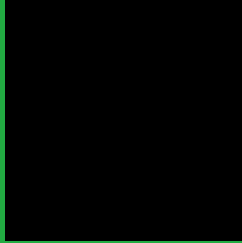
Any Text WCAG AA ✓ Pass

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 22AB42 Background



This preview shows how black text looks on a background with the Hex color 22AB42.



This preview shows how white text looks on a background with the Hex color 22AB42.

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
22AB42

Protanopia
A4943B

Deuteranopia
B58C4B

Trichromacy



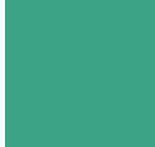
Original Color
22AB42



Protanomaly
759C3E



Deuteranomaly
809748



Tritanomaly
3CA486

Monochromacy



Original Color
22AB42



Achromatopsia
767676



Achromatomaly
578963

CSS Examples

Text

The CSS property to change the color of the text to Hex 22AB42 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 #22AB42 looks like.

```
.text, #text, p{  
    color:#22AB42  
}
```

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 #22AB42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22AB42
}
```

Border

The CSS property to change the border of an element to Hex 22AB42 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
#22AB42 }
```

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

```
.border{ border-color:#22AB42 }
```

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

Here you see how a box with a 4 pixel #22AB42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22AB42; -webkit-box-shadow:4px 4px  
4px 4px #22AB42; box-shadow:4px 4px 4px  
4px #22AB42 }
```

Background

The CSS property to change the background color of an element to Hex 22AB42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22AB42 }
```

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

```
.background{ background-color:#22AB42 }
```

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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