

Converting Colors

Hex(22B20E)

Have a look what the booklet for
Hex(22B20E) contains.

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Color

Hex(22B20E)

Conversions

Conversions Part 1

Format	Color
Hex	22B20E
RGB	34, 178, 14
RGB Percent	13%, 70%, 5%
CMY	0.8667, 0.3020, 0.9451
CMYK	0.81, 0.00, 0.92, 0.30
HSL	113°, 85%, 38%
HSV	113°, 92%, 70%
XYZ	16.6593, 32.2126, 5.7551
YIQ	116.2480, -33.1800, -81.5320

Conversions

Conversions Part 2

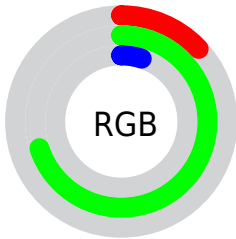
Format	Color
RYB	14, 178, 158
Decimal	2273806
CIELab	63.52, -62.93, 62.04
CIElCh	64, 88.373, 135.408
Yxy	32.2126, 0.3050, 0.5897
Android (android.graphics.Color)	4280463886 (0xFF22B20E)
YUV	116.2480, -50.4083, -72.1315
Hunter-Lab	56.7561, -46.9290, 33.7173

Details

The Hex color **22B20E** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **9E0EB2**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **6BEB50**, and **007C00** is the 20% darker color. If you saturate the color by 10%, you get **16B200**, and if you desaturate by 10%, it is **32B220**.

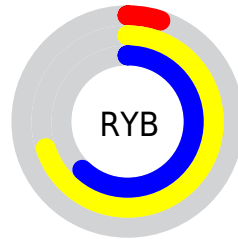
Distribution



Red (13%)

Green (70%)

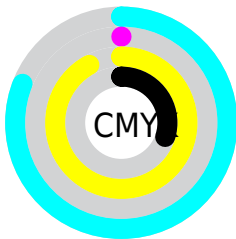
Blue (5%)



Red (5%)

Yellow (70%)

Blue (62%)

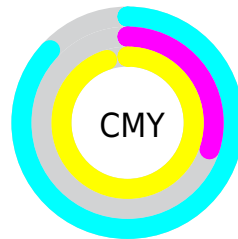


Cyan (81%)

Magenta (0%)

Yellow (92%)

Black (30%)



Cyan (87%)

Magenta (30%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22B20E 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 22B20E by changing the saturation by 10% instead.

 22B20E

 22B20E

FFFFFF

 009600

 6BEB50

 007C00

 8AFF6C

 006100

 A9FF88

 004800

 C7FFA4

 003100

 E5FFC0

 001500

 FFFFDD

 000000

 FFFFFB

 22B20E

 22B20E

■ 16B200

■ 32B220

■ 41B232

■ 51B243

■ 61B255

■ 70B267

■ 80B279

■ 8FB28B

■ 9FB29C

■ AFB2AE

Harmonies

Analogous

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



94A300



22B20E



00B96F

Triad

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



22B20E



00AEFF



FF3575

Complementary

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



22B20E



9E0EB2

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.



FF3EC4



22B20E



0096FF

Square

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



22B20E



00B9FF



CE6EFF



FF6028

Rectangle

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



22B20E



00BBA6



CE6EFF



FF2E8F

Sweetspot

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



22B20E



AFE8A7



B29C0E



52754D



F5F5F5



757575

Same Dimension

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



22B20E



1CE800



0EB24A



515950



139900



031A00

Inverse Universe

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



9E0EB2



CC00E8



B20E76



585059



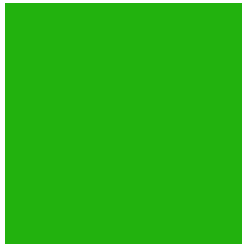
860099



16001A

Previews

White Background



This preview shows how the Hex color 22B20E looks on a white background.

Color Contrast Check

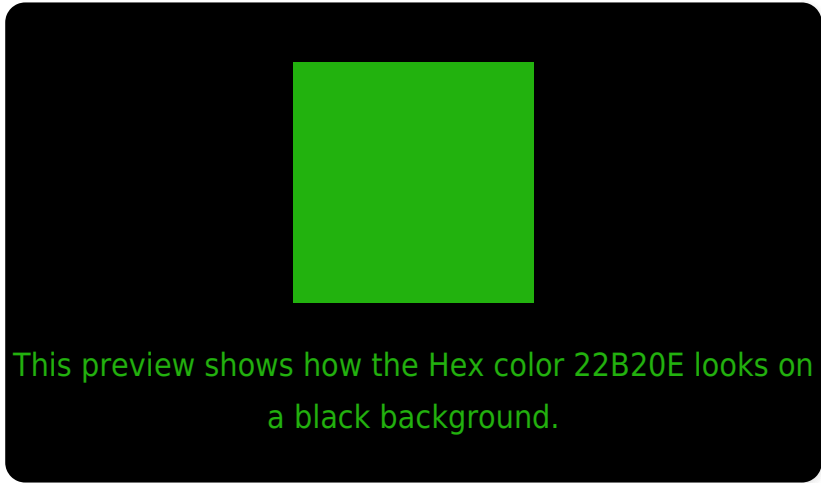
Large Text (above 18pt) WCAG AA × Fail

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 22B20E Background



This preview shows how black text looks on a background with the Hex color 22B20E.

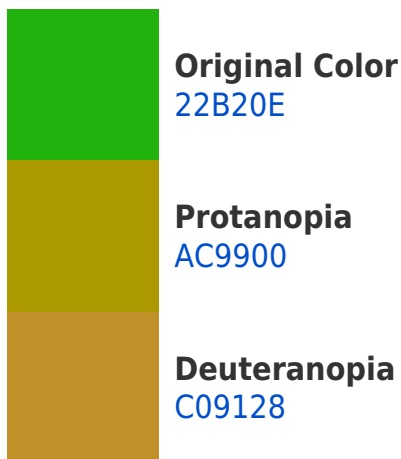


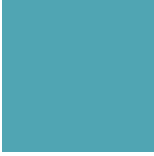
This preview shows how white text looks on a background with the Hex color 22B20E.

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
50A5B3

Trichromacy



Original Color
22B20E



Protanomaly
7AA205



Deuteranomaly
879D1F



Tritanomaly
3FAA77

Monochromacy



Original Color
22B20E



Achromatopsia
747474



Achromatomaly
568B4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 22B20E 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 #22B20E looks like.

```
.text, #text, p{  
    color:#22B20E  
}
```

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 #22B20E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22B20E
}
```

Border

The CSS property to change the border of an element to Hex 22B20E is called "border". The border property can be set on classes, ids or directly on the HTML element.

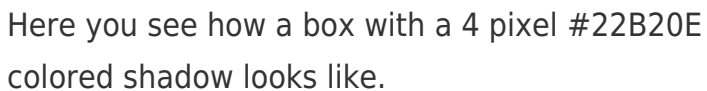
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#22B20E }
```

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

```
.border{ border-color:#22B20E }
```

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



Here you see how a box with a 4 pixel #22B20E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22B20E; -webkit-box-shadow:4px 4px  
4px 4px #22B20E; box-shadow:4px 4px 4px  
4px #22B20E }
```

Background

The CSS property to change the background color of an element to Hex 22B20E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22B20E }
```

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

```
.background{ background-color:#22B20E }
```

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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