

Converting Colors

Hex(22BEA6)

Have a look what the booklet for
Hex(22BEA6) contains.

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Color

Hex(22BEA6)

Conversions

Conversions Part 1

Format	Color
Hex	22BEA6
RGB	34, 190, 166
RGB Percent	13%, 75%, 65%
CMY	0.8667, 0.2549, 0.3490
CMYK	0.82, 0.00, 0.13, 0.25
HSL	171°, 70%, 44%
HSV	171°, 82%, 75%
XYZ	25.9561, 39.9202, 42.4137
YIQ	140.6200, -85.2720, -40.5360

Conversions

Conversions Part 2

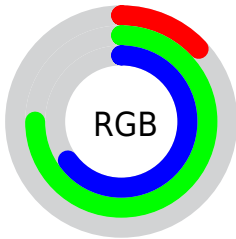
Format	Color
RYB	34, 119, 190
Decimal	2277030
CIELab	69.41, -43.77, 1.20
CIElCh	69, 43.782, 178.432
Yxy	39.9202, 0.2397, 0.3686
Android (android.graphics.Color)	4280467110 (0xFF22BEA6)
YUV	140.6200, 12.5123, -93.5057
Hunter-Lab	63.1824, -37.2393, 4.4269

Details

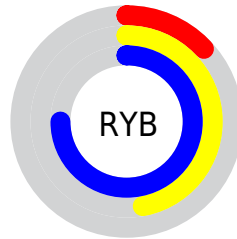
The Hex color **22BEA6** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **BE223A**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **6DF7DD**, and **008872** is the 20% darker color. If you saturate the color by 10%, you get **0FBEA3**, and if you desaturate by 10%, it is **35BEA9**.

Distribution



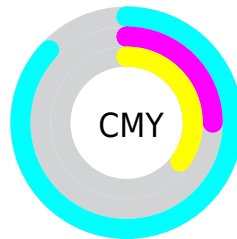
- Red (13%)
- Green (75%)
- Blue (65%)



- Red (13%)
- Yellow (47%)
- Blue (75%)



- Cyan (82%)
- Magenta (0%)
- Yellow (13%)
- Black (25%)



- Cyan (87%)
- Magenta (25%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22BEA6 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 22BEA6 by changing the saturation by 10% instead.



22BEA6



22BEA6

FFFFFF



00A28C



6DF7DD



008872



8CFFFA



006E5A



AAFFFF



005442



C9FFFF



003C2C



E7FFFF



002718



000000



22BEA6



22BEA6



0FBEA3



35BEA9

00BEA1

48BEAC

5BBEAF

6EBEB2

81BEB5

94BEB8

A7BEBA

BABEBD

CDBEC0

Harmonies

Analogous

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



6BBA7F



22BEA6



00BDCE

Triad

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



22BEA6



AAA0EF



E39867

Complementary

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



22BEA6



BE223A

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.



F48D86



22BEA6



D992D4

Square

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



22BEA6



65AEF8



F28AAD



C4A659

Rectangle

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



22BEA6



00BBE4



F28AAD



EB9470

Sweetspot

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



22BEA6



BAF7EE



3CBE22



577D77



FCFCFC



7D7D7D

Same Dimension

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



22BEA6



02F7D2



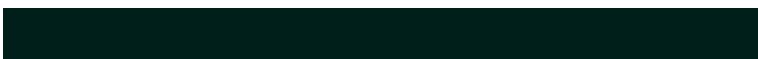
228ABE



555E5D



009E86



001F1A

Inverse Universe

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



BE223A



F70228



BE5622



5E5556



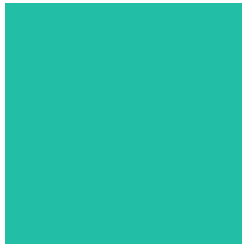
9E0018



1F0005

Previews

White Background



This preview shows how the Hex color 22BEA6 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



This preview shows how the Hex color 22BEA6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

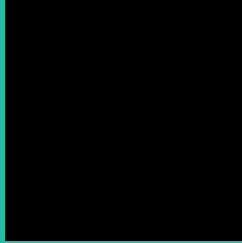
Any Text WCAG AA ✓ Pass

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 22BEA6 Background



This preview shows how black text looks on a background with the Hex color 22BEA6.

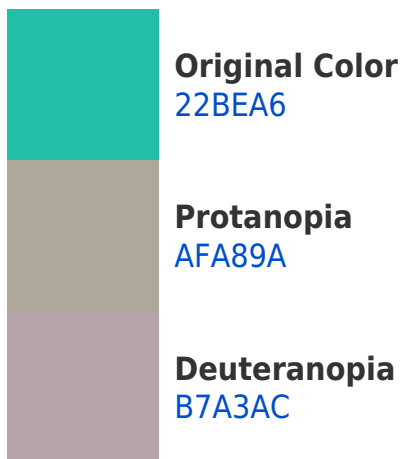


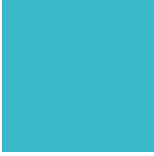
This preview shows how white text looks on a background with the Hex color 22BEA6.

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
3CB9C8

Trichromacy



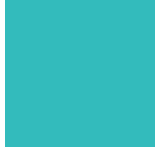
Original Color
22BEA6



Protanomaly
7CB09E



Deuteranomaly
81ADAA



Tritanomaly
33BBBC

Monochromacy



Original Color
22BEA6



Achromatopsia
8D8D8D



Achromatomaly
669F96

CSS Examples

Text

The CSS property to change the color of the text to Hex 22BEA6 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 #22BEA6 looks like.

```
.text, #text, p{  
    color:#22BEA6  
}
```

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 #22BEA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22BEA6
}
```

Border

The CSS property to change the border of an element to Hex 22BEA6 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
#22BEA6 }
```

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

```
.border{ border-color:#22BEA6 }
```

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

Here you see how a box with a 4 pixel #22BEA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22BEA6; -webkit-box-shadow:4px 4px  
4px 4px #22BEA6; box-shadow:4px 4px 4px  
4px #22BEA6 }
```

Background

The CSS property to change the background color of an element to Hex 22BEA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22BEA6 }
```

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

```
.background{ background-color:#22BEA6 }
```

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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