

Converting Colors

Hex(22BC96)

Have a look what the booklet for
Hex(22BC96) contains.

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Color

Hex(22BC96)

Conversions

Conversions Part 1	
Format	Color
Hex	22BC96
RGB	34, 188, 150
RGB Percent	13%, 74%, 59%
CMY	0.8667, 0.2627, 0.4118
CMYK	0.82, 0.00, 0.20, 0.26
HSL	165°, 69%, 44%
HSV	165°, 82%, 74%
XYZ	24.1479, 38.5085, 35.0143
YIQ	137.6220, -79.5860, -44.4660

Conversions

Conversions Part 2

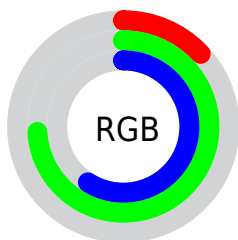
Format	Color
RYB	34, 122, 188
Decimal	2276502
CIELab	68.39, -47.09, 8.48
CIELCh	68, 47.847, 169.787
Yxy	38.5085, 0.2472, 0.3943
Android (android.graphics.Color)	4280466582 (0xFF22BC96)
YUV	137.6220, 6.1024, -90.8765
Hunter-Lab	62.0552, -39.1359, 9.9846

Details

The Hex color **22BC96** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **BC2248**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **6CF5CC**, and **008663** is the 20% darker color. If you saturate the color by 10%, you get **0FBC91**, and if you desaturate by 10%, it is **35BC9B**.

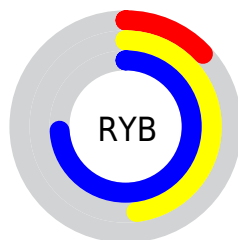
Distribution



Red (13%)

Green (74%)

Blue (59%)



Red (13%)

Yellow (48%)

Blue (74%)

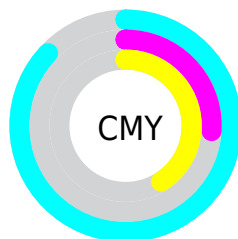


Cyan (82%)

Magenta (0%)

Yellow (20%)

Black (26%)



Cyan (87%)

Magenta (26%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22BC96 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 22BC96 by changing the saturation by 10% instead.

 22BC96

FFFFFF

 6CF5CC

 8AFFE8

 A8FFFF

 C7FFFF

 E5FFFF

 22BC96

 00A07C

 008663

 006B4B

 005235

 003A1F

 002408

 000000

 22BC96

 0FBC91

 22BC96

 35BC9B

 00BC8E

 48BC9F

 5ABCA4

 6DBCA9

 80BCAD

 93BCB2

 A6BCB6

 B8BCBB

 CBBCC0

Harmonies

Analogous

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



72B76D



22BC96



00BDC3

Triad

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



22BC96



93A1F8



EC9066

Complementary

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



22BC96



BC2248

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.



F9848C



22BC96



CE90DF

Square

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



22BC96



2FB0FB



F084B7



CE9F50

Rectangle

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



22BC96



00BBDD



F084B7



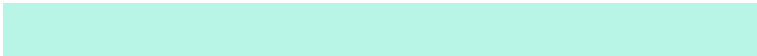
F28B72

Sweetspot

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



22BC96



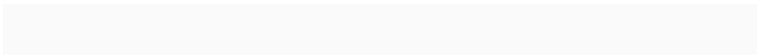
B8F5E6



49BC22



567A71



FAFAFA



7A7A7A

Same Dimension

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



22BC96



05F5BA



2296BC



555E5C



009E77



001F17

Inverse Universe

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



BC2248



F50540



BC4922



5E5557



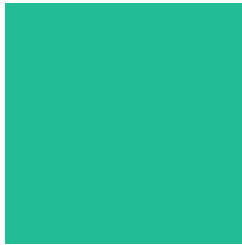
9E0027



1F0008

Previews

White Background



This preview shows how the Hex color 22BC96 looks on a white background.

Color Contrast Check

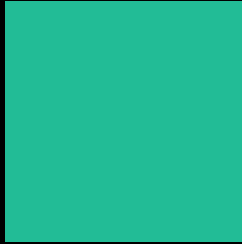
Large Text (above 18pt) WCAG AA × Fail

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 22BC96 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 22BC96 Background



This preview shows how black text looks on a background with the Hex color 22BC96.



This preview shows how white text looks on a background with the Hex color 22BC96.

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](#).

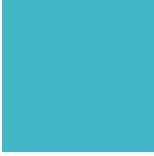
Dichromacy



Original Color
22BC96

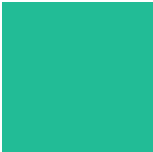
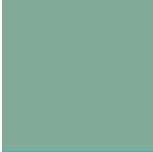

Protanopia
AEA58A

Deuteranopia
B9A09C

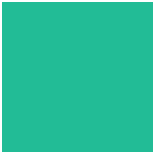
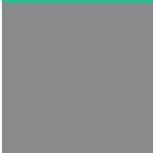



Tritanopia
41B6C4

Trichromacy

	Original Color 22BC96
	Protanomaly 7BAD8E
	Deuteranomaly 82AA9A
	Tritanomaly 36B8B3

Monochromacy

	Original Color 22BC96
	Achromatopsia 8A8A8A
	Achromatomaly 649C8E

CSS Examples

Text

The CSS property to change the color of the text to Hex 22BC96 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 #22BC96 looks like.

```
.text, #text, p{  
    color:#22BC96  
}
```

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 #22BC96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22BC96
}
```

Border

The CSS property to change the border of an element to Hex 22BC96 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
#22BC96 }
```

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

```
.border{ border-color:#22BC96 }
```

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

Here you see how a box with a 4 pixel #22BC96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22BC96; -webkit-box-shadow:4px 4px  
4px 4px #22BC96; box-shadow:4px 4px 4px  
4px #22BC96 }
```

Background

The CSS property to change the background color of an element to Hex 22BC96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22BC96 }
```

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

```
.background{ background-color:#22BC96 }
```

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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