

Converting Colors

Hex(22DDBB)

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

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Color

Hex(22DDBB)

Conversions

Conversions Part 1

Format	Color
Hex	22DDBB
RGB	34, 221, 187
RGB Percent	13%, 87%, 73%
CMY	0.8667, 0.1333, 0.2667
CMYK	0.85, 0.00, 0.15, 0.13
HSL	169°, 73%, 50%
HSV	169°, 85%, 87%
XYZ	35.4858, 55.6408, 55.8832
YIQ	161.2110, -100.5380, -50.2180

Conversions

Conversions Part 2

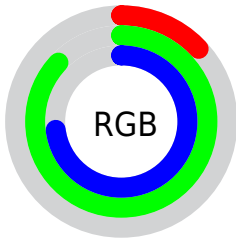
Format	Color
RYB	34, 137, 221
Decimal	2284987
CIELab	79.41, -51.21, 4.37
CIELCh	79, 51.399, 175.124
Yxy	55.6408, 0.2414, 0.3785
Android (android.graphics.Color)	4280475067 (0xFF22DDBB)
YUV	161.2110, 12.7140, -111.5640
Hunter-Lab	74.5928, -45.6202, 7.7963

Details

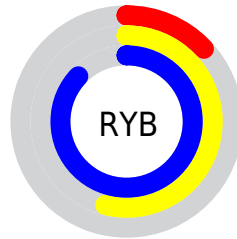
The Hex color **22DDBB** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle washed spring green. A complement of this color would be **DD2244**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **74FFF3**, and **00A586** is the 20% darker color. If you saturate the color by 10%, you get **0CDDB7**, and if you desaturate by 10%, it is **38DDBF**.

Distribution



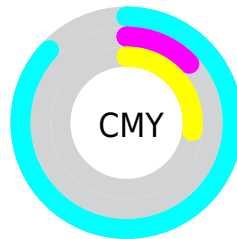
- Red (13%)
- Green (87%)
- Blue (73%)



- Red (13%)
- Yellow (54%)
- Blue (87%)



- Cyan (85%)
- Magenta (0%)
- Yellow (15%)
- Black (13%)



- Cyan (87%)
- Magenta (13%)
- Yellow (27%)

Brightness & Saturation Gradients

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

 22DDBB

 22DDBB

FFFFFF

 00C1A0

 74FFF3

 00A586

 95FFFF

 008A6D

 B4FFFF

 006F54

 D4FFFF

 00563D

 F3FFFF

 003D28

 002713

 000000

 22DDBB

 22DDBB

0CDDDB7

38DDBF

00DDB5

4EDDC3

64DDC7

7ADDCB

91DDCF

A7DDD3

BDDDD7

D3DDDB

E9DDDF

Harmonies

Analogous

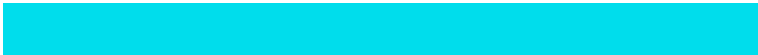
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80D88C



22DDBB



00DDEC

Triad

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



22DDBB



BDBBFF



FFAE77

Complementary

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



22DDBB



DD2244

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.



FFA09F



22DDBB



F9A9FC

Square

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



22DDBB



62CCFF



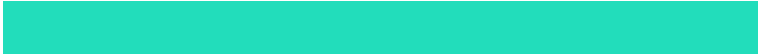
FF9ECF



E9BF63

Rectangle

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



22DDBB



00DAFF



FF9ECF



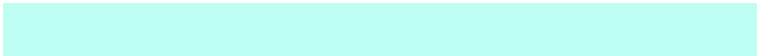
FFA983

Sweetspot

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



22DDBB



BFFFF3



44DD22



598079



000000



808080

Same Dimension

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



22DDBB



00FFD1



22A2DD



636E6C



00AD8E



002E26

Inverse Universe

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



DD2244



FF002E



DD5D22



6E6365



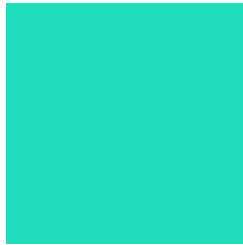
AD0020



2E0008

Previews

White Background



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

Color Contrast Check

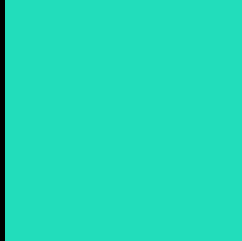
Large Text (above 18pt) WCAG AA × Fail

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 22DDBB 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 22DDBB Background



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

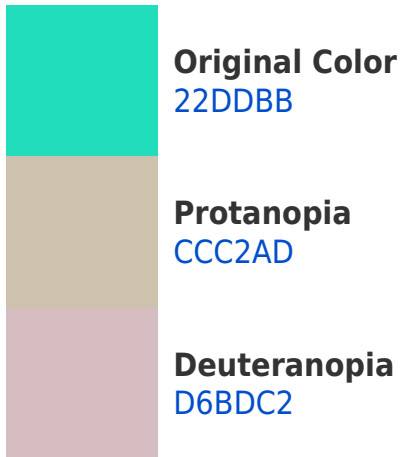


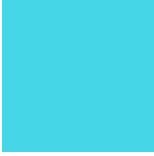
This preview shows how white text looks on a background with the Hex color 22DDBB.

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



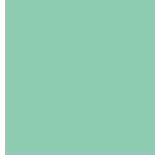


Tritanopia
45D7E8

Trichromacy



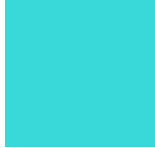
Original Color
22DDBB



Protanomaly
8ECCB2

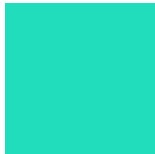


Deuteranomaly
95C9BF

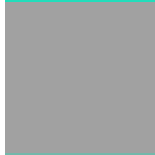


Tritanomaly
38D9D8

Monochromacy



Original Color
22DDBB



Achromatopsia
A1A1A1



Achromatomaly
73B7AA

CSS Examples

Text

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

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

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 #22DDBB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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