

Converting Colors

Hex(22B1C5)

Have a look what the booklet for
Hex(22B1C5) contains.

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Color

Hex(22B1C5)

Conversions

Conversions Part 1

Format	Color
Hex	22B1C5
RGB	34, 177, 197
RGB Percent	13%, 69%, 77%
CMY	0.8667, 0.3059, 0.2275
CMYK	0.83, 0.10, 0.00, 0.23
HSL	187°, 71%, 45%
HSV	187°, 83%, 77%
XYZ	26.4599, 35.8156, 58.3418
YIQ	136.5230, -91.6480, -24.0960

Conversions

Conversions Part 2

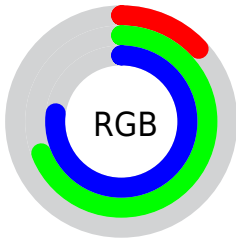
Format	Color
RYB	34, 110, 197
Decimal	2273733
CIELab	66.38, -28.60, -20.41
CIELCh	66, 35.140, 215.512
Yxy	35.8156, 0.2194, 0.2969
Android (android.graphics.Color)	4280463813 (0xFF22B1C5)
YUV	136.5230, 29.8152, -89.9127
Hunter-Lab	59.8461, -25.8102, -15.9074

Details

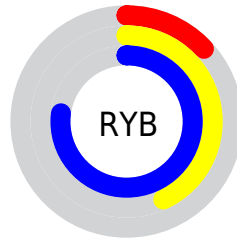
The Hex color **22B1C5** is a dark color, and the websafe version is hex **339999**. The color can be described as middle muted azure. A complement of this color would be **C53622**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **6EE9FE**, and **007C8F** is the 20% darker color. If you saturate the color by 10%, you get **0EAFC5**, and if you desaturate by 10%, it is **36B3C5**.

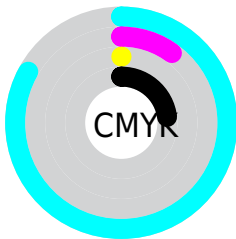
Distribution



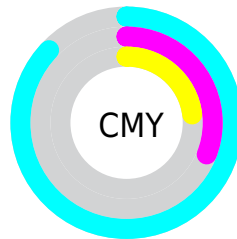
- Red (13%)
- Green (69%)
- Blue (77%)



- Red (13%)
- Yellow (43%)
- Blue (77%)



- Cyan (83%)
- Magenta (10%)
- Yellow (0%)
- Black (23%)



- Cyan (87%)
- Magenta (31%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22B1C5 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 22B1C5 by changing the saturation by 10% instead.

 22B1C5

 22B1C5

FFFFFF

 0096AA

 6EE9FE

 007C8F

 8EFFFF

 006376

 ACFFFF

 004A5D

 CBFFFF

 003345

 E9FFFF

 00202F

 00011A

 000000

 22B1C5

 22B1C5

■ 0EAF C5

■ 36B3 C5

■ 00AD C5

■ 49B6 C5

■ 5DB8 C5

■ 71BB C5

■ 85BD C5

■ 98C0 C5

■ ACC2 C5

■ C0C4 C5

■ D3C7 C5

Harmonies

Analogous

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



3FB2A6



22B1C5



48ACDA

Triad

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



22B1C5



CE8DBC



B1A162

Complementary

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



22B1C5



C53622

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.



CC9769



22B1C5



DE899D

Square

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



22B1C5



AD97D5



DC8D7E



8FAA6D

Rectangle

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



22B1C5



6CA6E0



DC8D7E



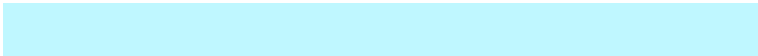
BB9E62

Sweetspot

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



22B1C5



BFF7FF



22C535



597B80



000000



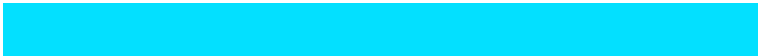
808080

Same Dimension

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



22B1C5



03E0FF



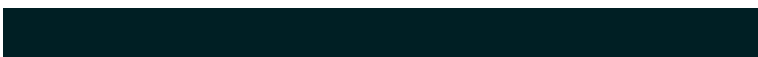
2260C5



5A6263



008FA3



001F24

Inverse Universe

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



C522B1



FF03E0



C58722



635A62



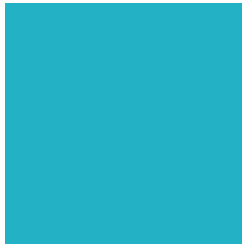
A3008F



24001F

Previews

White Background



This preview shows how the Hex color 22B1C5 looks on a white background.

Color Contrast Check

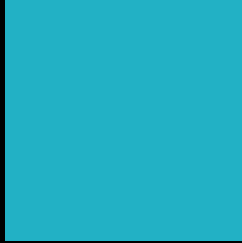
Large Text (above 18pt) WCAG AA × Fail

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 22B1C5 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 22B1C5 Background



This preview shows how black text looks on a background with the Hex color 22B1C5.

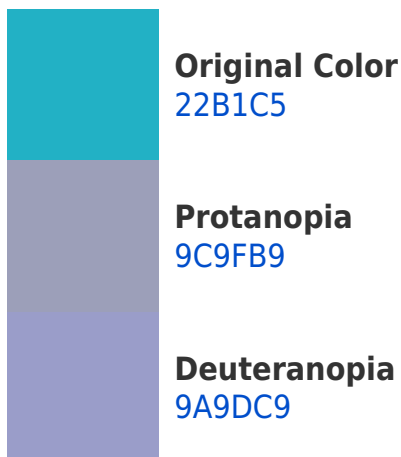


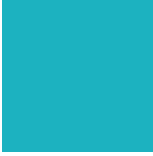
This preview shows how white text looks on a background with the Hex color 22B1C5.

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
1CB2C0

Trichromacy



Original Color
22B1C5



Protanomaly
70A6BD



Deuteranomaly
6EA4C8



Tritanomaly
1EB2C2

Monochromacy



Original Color
22B1C5



Achromatopsia
898989



Achromatomaly
64989F

CSS Examples

Text

The CSS property to change the color of the text to Hex 22B1C5 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 #22B1C5 looks like.

```
.text, #text, p{  
    color:#22B1C5  
}
```

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 #22B1C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22B1C5
}
```

Border

The CSS property to change the border of an element to Hex 22B1C5 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
#22B1C5 }
```

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

```
.border{ border-color:#22B1C5 }
```

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

Here you see how a box with a 4 pixel #22B1C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22B1C5; -webkit-box-shadow:4px 4px  
4px 4px #22B1C5; box-shadow:4px 4px 4px  
4px #22B1C5 }
```

Background

The CSS property to change the background color of an element to Hex 22B1C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22B1C5 }
```

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

```
.background{ background-color:#22B1C5 }
```

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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