

Converting Colors

Hex(22BFC5)

Have a look what the booklet for
Hex(22BFC5) contains.

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Color

Hex(22BFC5)

Conversions

Conversions Part 1

Format	Color
Hex	22BFC5
RGB	34, 191, 197
RGB Percent	13%, 75%, 77%
CMY	0.8667, 0.2510, 0.2275
CMYK	0.83, 0.03, 0.00, 0.23
HSL	182°, 71%, 45%
HSV	182°, 83%, 77%
XYZ	29.3685, 41.6329, 59.3114
YIQ	144.7410, -95.4980, -31.4180

Conversions

Conversions Part 2

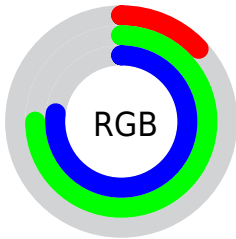
Format	Color
RYB	34, 114, 197
Decimal	2277317
CIELab	70.62, -35.32, -14.00
CIELCh	71, 37.995, 201.619
Yxy	41.6329, 0.2254, 0.3195
Android (android.graphics.Color)	4280467397 (0xFF22BFC5)
YUV	144.7410, 25.7637, -97.1199
Hunter-Lab	64.5236, -31.6702, -9.3341

Details

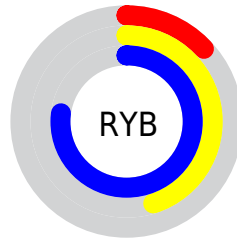
The Hex color **22BFC5** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted azure. A complement of this color would be **C52822**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **70F8FE**, and **00898F** is the 20% darker color. If you saturate the color by 10%, you get **0EBEC5**, and if you desaturate by 10%, it is **36C0C5**.

Distribution



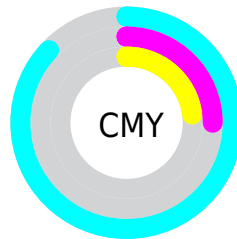
- Red (13%)
- Green (75%)
- Blue (77%)



- Red (13%)
- Yellow (45%)
- Blue (77%)



- Cyan (83%)
- Magenta (3%)
- Yellow (0%)
- Black (23%)



- Cyan (87%)
- Magenta (25%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22BFC5 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 22BFC5 by changing the saturation by 10% instead.

 22BFC5

 22BFC5

FFFFFF

 00A4AA

 70F8FE

 00898F

 90FFFF

 006F76

 AFFFFFF

 00565D

 CDFFFF

 003E46

 ECFFFF

 00282F

 00061B

 000000

 22BFC5

 22BFC5

0EBEC5

36C0C5

00BEC5

49C0C5

5DC1C5

71C2C5

85C3C5

98C3C5

ACC4C5

C0C5C5

D3C6C5

Harmonies

Analogous

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



55BFA2



22BFC5



2BBBE2

Triad

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



22BFC5



CF9BD8



CCA768

Complementary

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



22BFC5



C52822

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.



E59B78



22BFC5



E993B8

Square

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



22BFC5



A3A7ED



F09395



AAB26B

Rectangle

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



22BFC5



55B6EE



F09395



D6A36B

Sweetspot

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



22BFC5



BFFDFF



22C527



597E80



000000



808080

Same Dimension

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



22BFC5



03F6FF



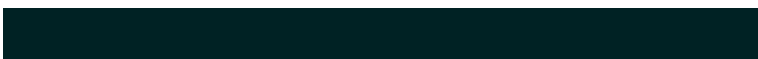
226EC5



5A6363



009DA3



002224

Inverse Universe

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



C522BF



FF03F6



C57922



635A63



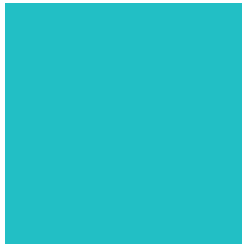
A3009D



240022

Previews

White Background



This preview shows how the Hex color 22BFC5 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 22BFC5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

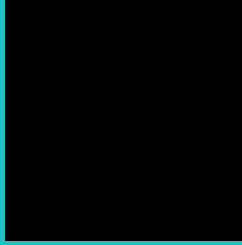
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

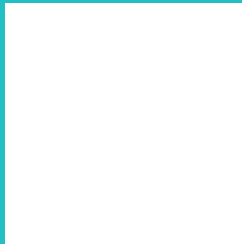
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 22BFC5 Background



This preview shows how black text looks on a background with the Hex color 22BFC5.

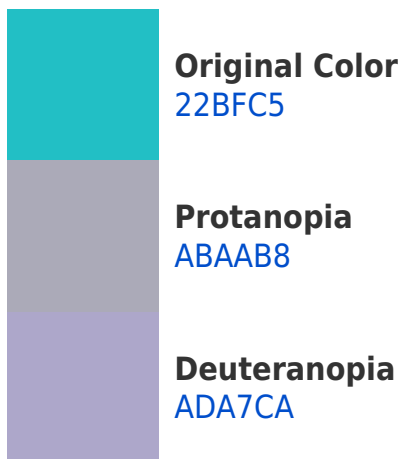


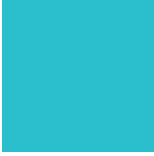
This preview shows how white text looks on a background with the Hex color 22BFC5.

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





Trichromacy



Original Color
22BFC5



Protanomaly
79B2BD



Deuteranomaly
7AB0C8



Tritanomaly
28BECA

Monochromacy



Original Color
22BFC5



Achromatopsia
919191



Achromatomaly
69A2A4

CSS Examples

Text

The CSS property to change the color of the text to Hex 22BFC5 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 #22BFC5 looks like.

```
.text, #text, p{  
    color:#22BFC5  
}
```

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 #22BFC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22BFC5
}
```

Border

The CSS property to change the border of an element to Hex 22BFC5 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
#22BFC5 }
```

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

```
.border{ border-color:#22BFC5 }
```

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

Here you see how a box with a 4 pixel #22BFC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22BFC5; -webkit-box-shadow:4px 4px  
4px 4px #22BFC5; box-shadow:4px 4px 4px  
4px #22BFC5 }
```

Background

The CSS property to change the background color of an element to Hex 22BFC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22BFC5 }
```

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

```
.background{ background-color:#22BFC5 }
```

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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