

Converting Colors

Hex(22C291)

Have a look what the booklet for
Hex(22C291) contains.

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Color

Hex(22C291)

Conversions

Conversions Part 1

Format	Color
Hex	22C291
RGB	34, 194, 145
RGB Percent	13%, 76%, 57%
CMY	0.8667, 0.2392, 0.4314
CMYK	0.82, 0.00, 0.25, 0.24
HSL	162°, 70%, 45%
HSV	162°, 82%, 76%
XYZ	25.0623, 40.9680, 33.3748
YIQ	140.5740, -79.6310, -49.1590

Conversions

Conversions Part 2

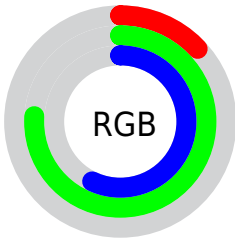
Format	Color
RYB	34, 128, 194
Decimal	2278033
CIELab	70.15, -50.73, 13.69
CIELCh	70, 52.541, 164.896
Yxy	40.9680, 0.2521, 0.4121
Android (android.graphics.Color)	4280468113 (0xFF22C291)
YUV	140.5740, 2.1820, -93.4654
Hunter-Lab	64.0062, -42.1174, 13.8888

Details

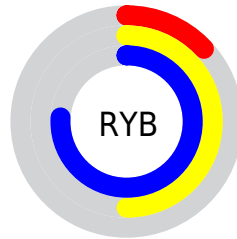
The Hex color **22C291** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark muted spring green. A complement of this color would be **C22253**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **6DFBC7**, and **008B5E** is the 20% darker color. If you saturate the color by 10%, you get **0FC28B**, and if you desaturate by 10%, it is **35C297**.

Distribution



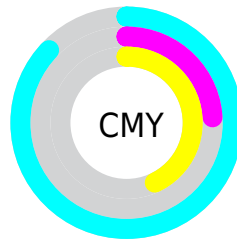
- Red (13%)
- Green (76%)
- Blue (57%)



- Red (13%)
- Yellow (50%)
- Blue (76%)



- Cyan (82%)
- Magenta (0%)
- Yellow (25%)
- Black (24%)



- Cyan (87%)
- Magenta (24%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22C291 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 22C291 by changing the saturation by 10% instead.

 22C291

 22C291

FFFFFF

 00A677

 6DFBC7

 008B5E

 8CFE3

 007147

 AAFFFF

 005730

 C8FFFF

 003E1B

 E7FFFF

 002802

 000100

 000000

 22C291

 22C291

0FC28B

35C297

00C287

49C29D

5CC2A3

70C2A9

83C2AF

96C2B5

AAC2BB

BDC2C1

D1C2C6

Harmonies

Analogous

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



7BBC65



22C291



00C4C2

Triad

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



22C291



86A8FF



FA8F6A

Complementary

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



22C291



C22253

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.



FF8395



22C291



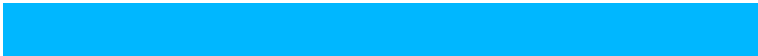
CE95F0

Square

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



22C291



00B7FF



F786C6



DCA04E

Rectangle

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



22C291



00C2E1



F786C6



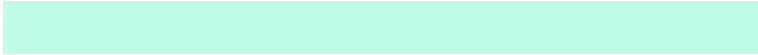
FF8A77

Sweetspot

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



22C291



BDFCE9



55C222



598074



000000



808080

Same Dimension

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



22C291



03FCB0



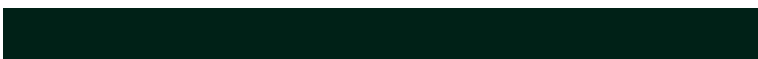
22A5C2



57615E



00A16F



002117

Inverse Universe

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



C22253



FC034F



C23F22



61575A



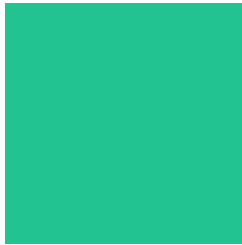
A10031



21000A

Previews

White Background



This preview shows how the Hex color 22C291 looks on a white background.

Color Contrast Check

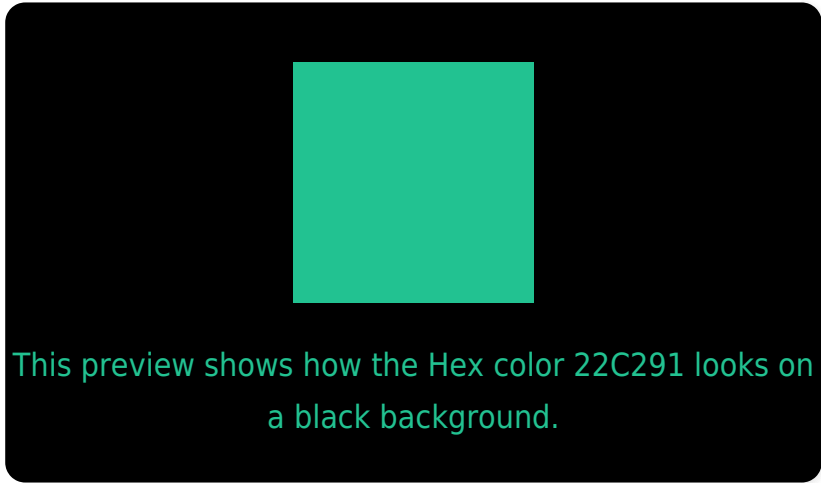
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

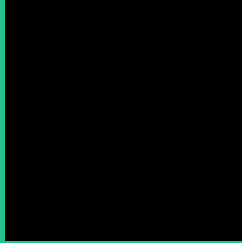
Any Text WCAG AA ✓ Pass

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 22C291 Background



This preview shows how black text looks on a background with the Hex color 22C291.

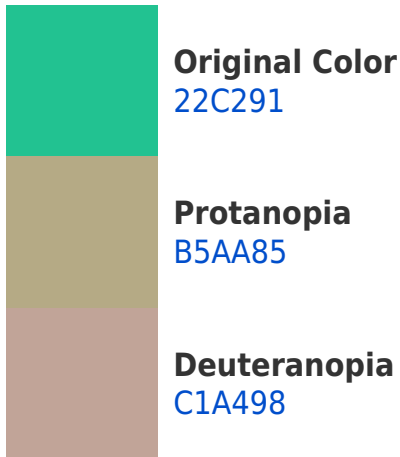


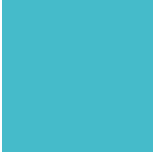
This preview shows how white text looks on a background with the Hex color 22C291.

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
45BBCA

Trichromacy



Original Color
22C291



Protanomaly
80B389



Deuteranomaly
87AF95



Tritanomaly
38BEB5

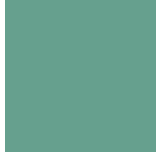
Monochromacy



Original Color
22C291



Achromatopsia
8D8D8D



Achromatomaly
66A08E

CSS Examples

Text

The CSS property to change the color of the text to Hex 22C291 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 #22C291 looks like.

```
.text, #text, p{  
    color:#22C291  
}
```

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 #22C291 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22C291
}
```

Border

The CSS property to change the border of an element to Hex 22C291 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
#22C291 }
```

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

```
.border{ border-color:#22C291 }
```

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

Here you see how a box with a 4 pixel #22C291 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22C291; -webkit-box-shadow:4px 4px  
4px 4px #22C291; box-shadow:4px 4px 4px  
4px #22C291 }
```

Background

The CSS property to change the background color of an element to Hex 22C291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22C291 }
```

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

```
.background{ background-color:#22C291 }
```

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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