

Converting Colors

Hex(22B87D)

Have a look what the booklet for
Hex(22B87D) contains.

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Color

Hex(22B87D)

Conversions

Conversions Part 1

Format	Color
Hex	22B87D
RGB	34, 184, 125
RGB Percent	13%, 72%, 49%
CMY	0.8667, 0.2784, 0.5098
CMYK	0.82, 0.00, 0.32, 0.28
HSL	156°, 69%, 43%
HSV	156°, 82%, 72%
XYZ	21.5018, 36.1017, 25.2371
YIQ	132.4240, -70.4610, -50.1490

Conversions

Conversions Part 2

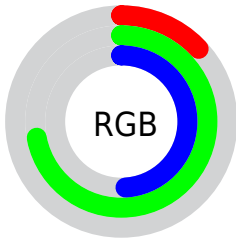
Format	Color
RYB	34, 127, 184
Decimal	2275453
CIELab	66.60, -51.36, 19.56
CIELCh	67, 54.961, 159.157
Yxy	36.1017, 0.2596, 0.4358
Android (android.graphics.Color)	4280465533 (0xFF22B87D)
YUV	132.4240, -3.6600, -86.3178
Hunter-Lab	60.0847, -41.2704, 17.1560

Details

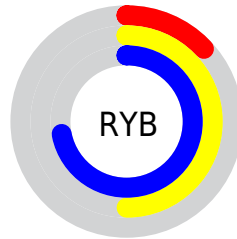
The Hex color **22B87D** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **B8225D**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **6AF1B2**, and **00824C** is the 20% darker color. If you saturate the color by 10%, you get **10B876**, and if you desaturate by 10%, it is **34B884**.

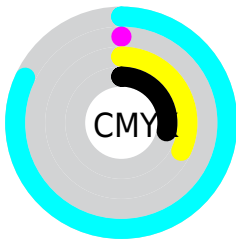
Distribution



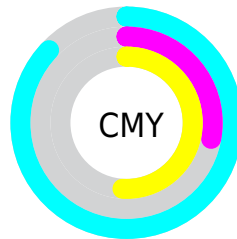
- Red (13%)
- Green (72%)
- Blue (49%)



- Red (13%)
- Yellow (50%)
- Blue (72%)



- Cyan (82%)
- Magenta (0%)
- Yellow (32%)
- Black (28%)



- Cyan (87%)
- Magenta (28%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22B87D 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 22B87D by changing the saturation by 10% instead.

 22B87D

 22B87D

FFFFFF

 009C64

 6AF1B2

 00824C

 88FFCD

 006835

 A6FFEA

 004E1F

 C4FFFF

 003608

 E2FFFF

 001F00

 000000

 22B87D

 22B87D

 10B876

 34B884

 00B870

 47B88B

 59B893

 6CB89A

 7EB8A1

 90B8A8

 A3B8B0

 B5B8B7

 C8B8BE

Harmonies

Analogous

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



7AB152



22B87D



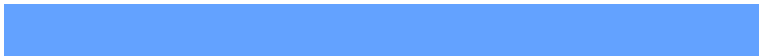
00BBB0

Triad

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



22B87D



63A2FF



F68066

Complementary

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



22B87D



B8225D

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.



FD7695



22B87D



B98FEF

Square

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



22B87D



00B1FE



EA7CC6



DA9344

Rectangle

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



22B87D



00BAD1



EA7CC6



FB7C75

Sweetspot

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



22B87D



B6F0D9



5EB822



55786A



F7F7F7



787878

Same Dimension

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



22B87D



05F093



22A9B8



535C58



009C5E



001C11

Inverse Universe

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



B8225D



F00561



B83122



5C5356



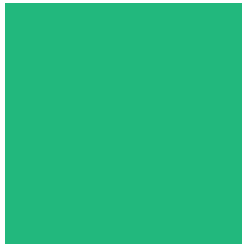
9C003D



1C000B

Previews

White Background



This preview shows how the Hex color 22B87D looks on a white background.

Color Contrast Check

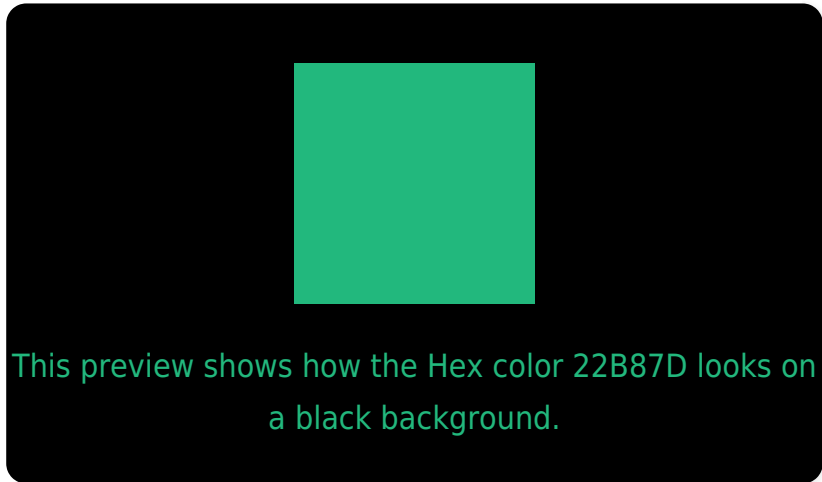
Large Text (above 18pt) WCAG AA × Fail

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 22B87D Background



This preview shows how black text looks on a background with the Hex color 22B87D.

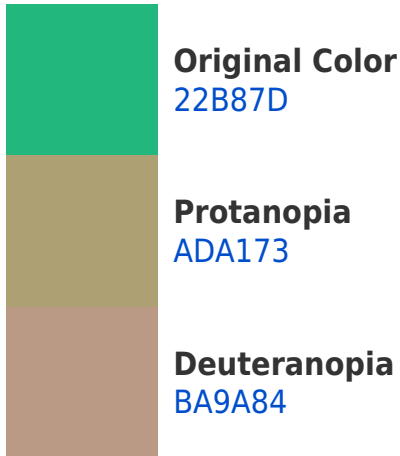


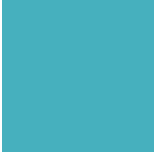
This preview shows how white text looks on a background with the Hex color 22B87D.

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
46B0BE

Trichromacy



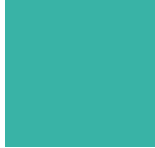
Original Color
22B87D



Protanomaly
7AA977



Deuteranomaly
83A581



Tritanomaly
39B3A6

Monochromacy



Original Color
22B87D



Achromatopsia
848484



Achromatomaly
609781

CSS Examples

Text

The CSS property to change the color of the text to Hex 22B87D 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 #22B87D looks like.

```
.text, #text, p{  
    color:#22B87D  
}
```

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 #22B87D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22B87D
}
```

Border

The CSS property to change the border of an element to Hex 22B87D 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
#22B87D }
```

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

```
.border{ border-color:#22B87D }
```

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

Here you see how a box with a 4 pixel #22B87D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22B87D; -webkit-box-shadow:4px 4px  
4px 4px #22B87D; box-shadow:4px 4px 4px  
4px #22B87D }
```

Background

The CSS property to change the background color of an element to Hex 22B87D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22B87D }
```

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

```
.background{ background-color:#22B87D }
```

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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