

Converting Colors

Hex(22B37D)

Have a look what the booklet for
Hex(22B37D) contains.

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Color

Hex(22B37D)

Conversions

Conversions Part 1

Format	Color
Hex	22B37D
RGB	34, 179, 125
RGB Percent	13%, 70%, 49%
CMY	0.8667, 0.2980, 0.5098
CMYK	0.81, 0.00, 0.30, 0.30
HSL	158°, 68%, 42%
HSV	158°, 81%, 70%
XYZ	20.4815, 34.0609, 24.8970
YIQ	129.4890, -69.0860, -47.5340

Conversions

Conversions Part 2

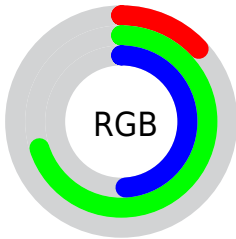
Format	Color
RYB	34, 123, 179
Decimal	2274173
CIELab	65.01, -49.42, 17.37
CIELCh	65, 52.387, 160.631
Yxy	34.0609, 0.2578, 0.4288
Android (android.graphics.Color)	4280464253 (0xFF22B37D)
YUV	129.4890, -2.2131, -83.7439
Hunter-Lab	58.3618, -39.4903, 15.5603

Details

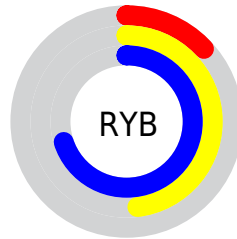
The Hex color **22B37D** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **B32258**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **69ECB2**, and **007D4C** is the 20% darker color. If you saturate the color by 10%, you get **10B376**, and if you desaturate by 10%, it is **34B384**.

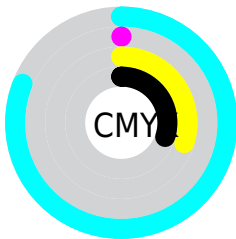
Distribution



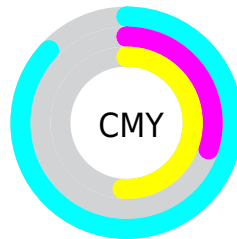
- Red (13%)
- Green (70%)
- Blue (49%)



- Red (13%)
- Yellow (48%)
- Blue (70%)



- Cyan (81%)
- Magenta (0%)
- Yellow (30%)
- Black (30%)



- Cyan (87%)
- Magenta (30%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22B37D 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 22B37D by changing the saturation by 10% instead.

 22B37D

 22B37D

FFFFFF

 009864

 69ECB2

 007D4C

 87FFCD

 006335

 A5FFEA

 004A1F

 C2FFFF

 003209

 E0FFFF

 001A00

 000000

 22B37D

 22B37D

 10B376

 34B384

■ 00B370

■ 46B38A

■ 58B391

■ 6AB398

■ 7BB39E

■ 8DB3A5

■ 9FB3AC

■ B1B3B2

■ C3B3B9

Harmonies

Analogous

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



75AC53



22B37D



00B5AE

Triad

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



22B37D



699DFA



ED7F63

Complementary

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



22B37D



B32258

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.



F5758F



22B37D



B78BE5

Square

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



22B37D



00ABF6



E47ABE



D19044

Rectangle

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



22B37D



00B4CC



E47ABE



F27A71

Sweetspot

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



22B37D



B0E8D3



5AB322



537569



F5F5F5



757575

Same Dimension

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



22B37D



07E894



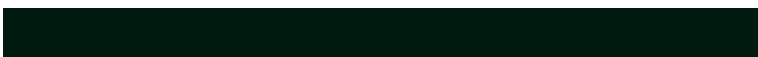
22A2B3



505956



009960



001A10

Inverse Universe

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



B32258



E8075B



B33322



595054



990039



1A0009

Previews

White Background



This preview shows how the Hex color 22B37D looks on a white background.

Color Contrast Check

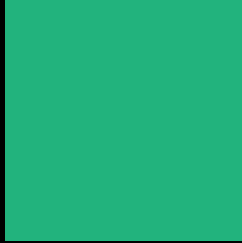
Large Text (above 18pt) WCAG AA × Fail

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 22B37D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

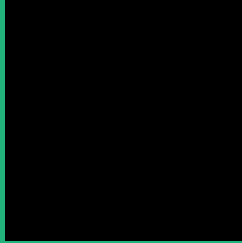
Any Text WCAG AA ✓ Pass

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 22B37D Background



This preview shows how black text looks on a background with the Hex color 22B37D.

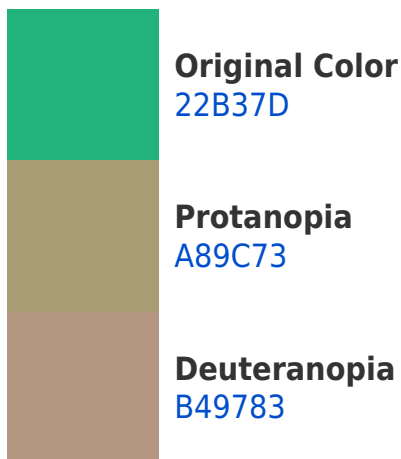


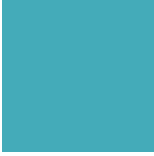
This preview shows how white text looks on a background with the Hex color 22B37D.

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](#).

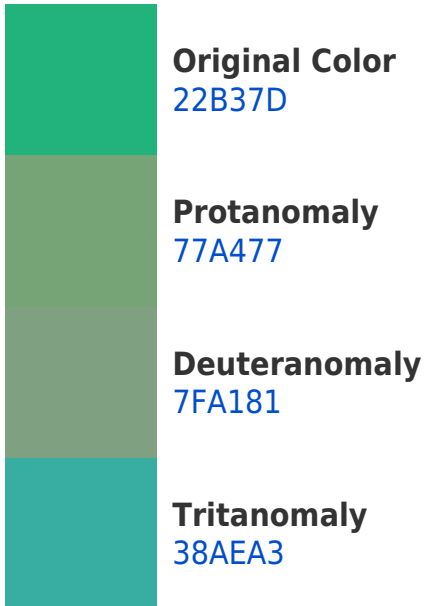
Dichromacy



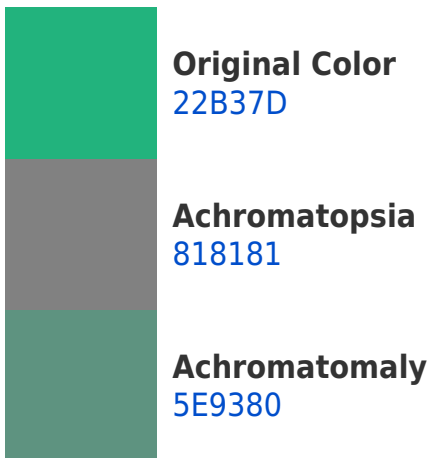


Tritanopia
44ABB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 22B37D 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 #22B37D looks like.

```
.text, #text, p{  
    color:#22B37D  
}
```

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 #22B37D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22B37D
}
```

Border

The CSS property to change the border of an element to Hex 22B37D 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
#22B37D }
```

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

```
.border{ border-color:#22B37D }
```

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

Here you see how a box with a 4 pixel #22B37D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22B37D; -webkit-box-shadow:4px 4px  
4px 4px #22B37D; box-shadow:4px 4px 4px  
4px #22B37D }
```

Background

The CSS property to change the background color of an element to Hex 22B37D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22B37D }
```

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

```
.background{ background-color:#22B37D }
```

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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