

Converting Colors

Hex(22A195)

Have a look what the booklet for
Hex(22A195) contains.

Hex(22A195)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(22A195)

Conversions

Conversions Part 1

Format	Color
Hex	22A195
RGB	34, 161, 149
RGB Percent	13%, 63%, 58%
CMY	0.8667, 0.3686, 0.4157
CMYK	0.79, 0.00, 0.07, 0.37
HSL	174°, 65%, 38%
HSV	174°, 79%, 63%
XYZ	18.8294, 27.9997, 32.8459
YIQ	121.6590, -71.8400, -30.6560

Conversions

Conversions Part 2

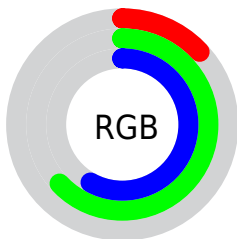
Format	Color
RYB	34, 101, 161
Decimal	2269589
CIELab	59.89, -35.63, -3.29
CIELCh	60, 35.782, 185.277
Yxy	27.9997, 0.2363, 0.3514
Android (android.graphics.Color)	4280459669 (0xFF22A195)
YUV	121.6590, 13.4791, -76.8769
Hunter-Lab	52.9148, -29.0828, 0.2372

Details

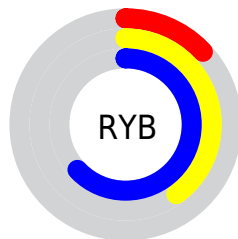
The Hex color **22A195** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A1222E**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **66D8CB**, and **006D62** is the 20% darker color. If you saturate the color by 10%, you get **12A193**, and if you desaturate by 10%, it is **32A197**.

Distribution



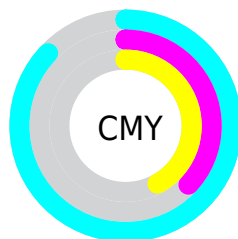
- Red (13%)
- Green (63%)
- Blue (58%)



- Red (13%)
- Yellow (40%)
- Blue (63%)



- Cyan (79%)
- Magenta (0%)
- Yellow (7%)
- Black (37%)



- Cyan (87%)
- Magenta (37%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22A195 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 22A195 by changing the saturation by 10% instead.

 22A195

 22A195


FFFFFF

 00867B

 66D8CB

 006D62

 84F5E7

 00544B

 A1FFFF

 003C34

 BFFFFFF

 00261F

 DDDFFF

 000008

 FFFFFFF

 000000

 22A195

 22A195

 12A193

 32A197

■ 02A192

■ 42A198

■ 00A192

■ 52A19A

■ 62A19B

■ 72A19D

■ 83A19E

■ 93A1A0

■ A3A1A1

■ B3A1A3

Harmonies

Analogous

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



569F75



22A195



00A0B4

Triad

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



22A195



9B86C4



BA8558

Complementary

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



22A195



A1222E

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.



CA7B6E



22A195



BC7CAB

Square

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



22A195



6A92CF



CC778C



9F9051

Rectangle

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



22A195



049DC3



CC778C



C1825E

Sweetspot

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



22A195



9FD1CC



2FA122



4A6966



E8E8E8



696969

Same Dimension

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



22A195



0AD1BE



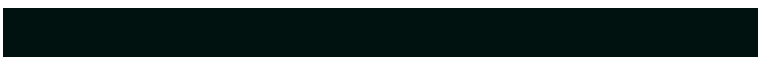
226EA1



495251



009184



001210

Inverse Universe

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



A1222E



D10A1D



A15522



52494A



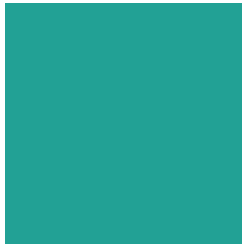
91000E



120002

Previews

White Background



This preview shows how the Hex color 22A195 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 22A195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

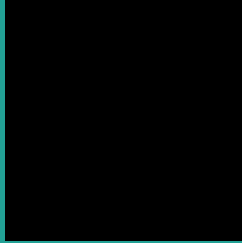
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 22A195 Background



This preview shows how black text looks on a background with the Hex color 22A195.

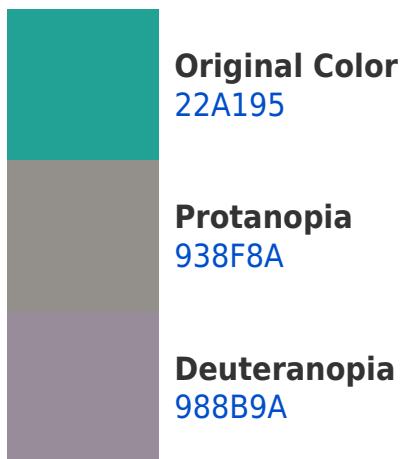


This preview shows how white text looks on a background with the Hex color 22A195.

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
329EAB

Trichromacy



Original Color
22A195



Protanomaly
6A968E



Deuteranomaly
6D9398



Tritanomaly
2C9FA3

Monochromacy



Original Color
22A195



Achromatopsia
7A7A7A



Achromatomaly
5A8884

CSS Examples

Text

The CSS property to change the color of the text to Hex 22A195 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 #22A195 looks like.

```
.text, #text, p{  
    color:#22A195  
}
```

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 #22A195 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22A195
}
```

Border

The CSS property to change the border of an element to Hex 22A195 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
#22A195 }
```

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

```
.border{ border-color:#22A195 }
```

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

Here you see how a box with a 4 pixel #22A195 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22A195; -webkit-box-shadow:4px 4px  
4px 4px #22A195; box-shadow:4px 4px 4px  
4px #22A195 }
```

Background

The CSS property to change the background color of an element to Hex 22A195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22A195 }
```

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

```
.background{ background-color:#22A195 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor