

Converting Colors

Hex(20A78C)

Have a look what the booklet for
Hex(20A78C) contains.

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Color

Hex(20A78C)

Conversions

Conversions Part 1

Format	Color
Hex	20A78C
RGB	32, 167, 140
RGB Percent	13%, 65%, 55%
CMY	0.8745, 0.3451, 0.4510
CMYK	0.81, 0.00, 0.16, 0.35
HSL	168°, 68%, 39%
HSV	168°, 81%, 65%
XYZ	19.1480, 29.8380, 29.5610
YIQ	123.5570, -71.7930, -37.0170

Conversions

Conversions Part 2

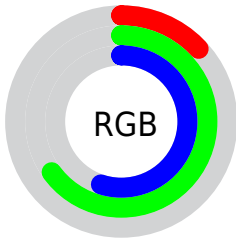
Format	Color
RYB	32, 107, 167
Decimal	2140044
CIELab	61.51, -41.00, 4.14
CIElCh	62, 41.211, 174.233
Yxy	29.8380, 0.2438, 0.3799
Android (android.graphics.Color)	4280330124 (0xFF20A78C)
YUV	123.5570, 8.1064, -80.2955
Hunter-Lab	54.6241, -33.0206, 6.1508

Details

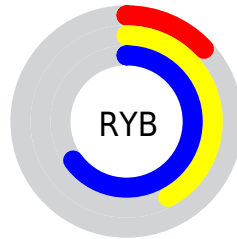
The Hex color **20A78C** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A7203B**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **66DFC1**, and **00725A** is the 20% darker color. If you saturate the color by 10%, you get **0FA789**, and if you desaturate by 10%, it is **31A78F**.

Distribution



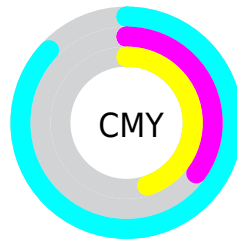
- Red (13%)
- Green (65%)
- Blue (55%)



- Red (13%)
- Yellow (42%)
- Blue (65%)



- Cyan (81%)
- Magenta (0%)
- Yellow (16%)
- Black (35%)



- Cyan (87%)
- Magenta (35%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 20A78C 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 20A78C by changing the saturation by 10% instead.

 20A78C

 20A78C

FFFFFF

 008C73

 66DFC1

 00725A

 84FCDD

 005943

 A1FFFA

 00402D

 BFFFFFF

 002A18

 DFFFFFF

 000A00

 FFFFFFF

 000000

 20A78C

 20A78C

 0FA789

 31A78F

■ 00A786

■ 41A793

■ 52A796

■ 63A799

■ 73A79D

■ 84A7A0

■ 95A7A3

■ A6A7A7

■ B6A7AA

Harmonies

Analogous

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



62A368



20A78C



00A7B1

Triad

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



20A78C



8D8ED7



CC835A

Complementary

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



20A78C



A7203B

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.



DA7979



20A78C



BB80C0

Square

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



20A78C



489ADD



D5779D



B1904B

Rectangle

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



20A78C



00A5C6



D5779D



D27F63

Sweetspot

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



20A78C



A5D9CE



3BA720



4E6E67



EDEDED



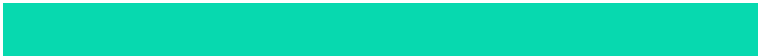
6E6E6E

Same Dimension

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



20A78C



07D9AF



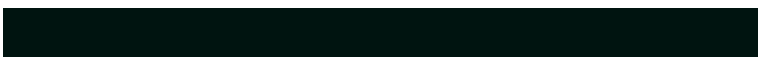
207EA7



4C5452



009476



001410

Inverse Universe

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



A7203B



D90731



A74920



544C4D



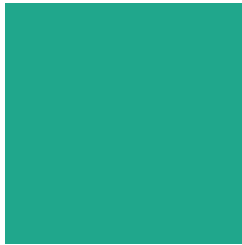
94001E



140004

Previews

White Background



This preview shows how the Hex color 20A78C 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 20A78C looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

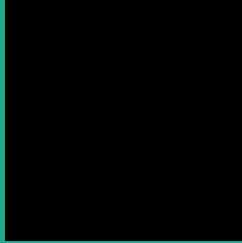
Any Text WCAG AA ✓ Pass

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 20A78C Background



This preview shows how black text looks on a background with the Hex color 20A78C.

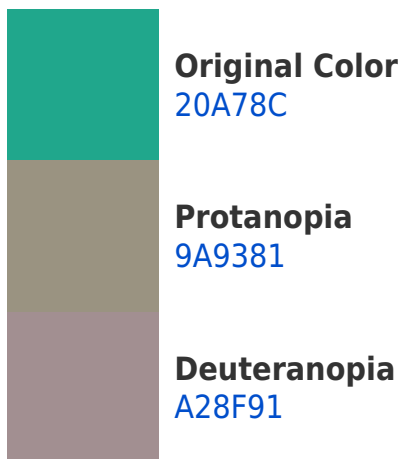


This preview shows how white text looks on a background with the Hex color 20A78C.

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
38A2AF

Trichromacy



Original Color
20A78C



Protanomaly
6E9A85



Deuteranomaly
73988F



Tritanomaly
2FA4A2

Monochromacy



Original Color
20A78C



Achromatopsia
7C7C7C



Achromatomaly
5B8C82

CSS Examples

Text

The CSS property to change the color of the text to Hex 20A78C 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 #20A78C looks like.

```
.text, #text, p{  
    color:#20A78C  
}
```

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 #20A78C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20A78C
}
```

Border

The CSS property to change the border of an element to Hex 20A78C 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
#20A78C }
```

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

```
.border{ border-color:#20A78C }
```

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

Here you see how a box with a 4 pixel #20A78C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20A78C; -webkit-box-shadow:4px 4px  
4px 4px #20A78C; box-shadow:4px 4px 4px  
4px #20A78C }
```

Background

The CSS property to change the background color of an element to Hex 20A78C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20A78C }
```

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

```
.background{ background-color:#20A78C }
```

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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