

Converting Colors

Hex(19A491)

Have a look what the booklet for
Hex(19A491) contains.

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Color

Hex(19A491)

Conversions

Conversions Part 1

Format	Color
Hex	19A491
RGB	25, 164, 145
RGB Percent	10%, 64%, 57%
CMY	0.9020, 0.3569, 0.4314
CMYK	0.85, 0.00, 0.12, 0.36
HSL	172°, 74%, 37%
HSV	172°, 85%, 64%
XYZ	18.7872, 28.8019, 31.3572
YIQ	120.2730, -76.7450, -35.3770

Conversions

Conversions Part 2

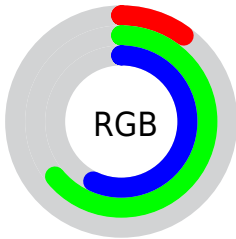
Format	Color
R_{YB}	25, 100, 164
Decimal	1680529
CIE _{Lab}	60.61, -38.94, 0.00
CIE _{LCh}	61, 38.942, 179.993
Yxy	28.8019, 0.2380, 0.3648
Android (android.graphics.Color)	4279870609 (0xFF19A491)
YUV	120.2730, 12.1904, -83.5544
Hunter-Lab	53.6674, -31.4310, 2.9248

Details

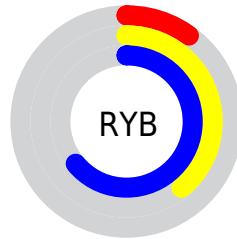
The Hex color **19A491** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A4192C**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **63DCC7**, and **006F5F** is the 20% darker color. If you saturate the color by 10%, you get **09A48F**, and if you desaturate by 10%, it is **29A493**.

Distribution



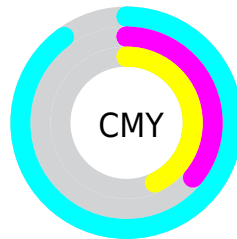
- Red (10%)
- Green (64%)
- Blue (57%)



- Red (10%)
- Yellow (39%)
- Blue (64%)



- Cyan (85%)
- Magenta (0%)
- Yellow (12%)
- Black (36%)



- Cyan (90%)
- Magenta (36%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 19A491 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 19A491 by changing the saturation by 10% instead.

 19A491

 19A491

FFFFFF

 008977

 63DCC7

 006F5F

 81F9E3

 005647

 9EFFFF

 003E31

 BCFFFF

 00281C

 DAFFFF

 000402

 F8FFFF

 000000

 19A491

 19A491

 09A48F

 29A493

■ 00A48E

■ 3AA495

■ 4AA498

■ 5BA49A

■ 6BA49C

■ 7BA49E

■ 8CA4A1

■ 9CA4A3

■ ADA4A5

Harmonies

Analogous

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



5AA16F



19A491



00A3B3

Triad

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



19A491



9589CE



C38457

Complementary

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



19A491



A4192C

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.



D37A72



19A491



BD7DB5

Square

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



19A491



5B96D7



D17694



A8904C

Rectangle

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



19A491



00A1C6



D17694



CA805F

Sweetspot

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



19A491



A1D6CF



2EA419



4B6B67



EBEBEB



6B6B6B

Same Dimension

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



19A491



00D6B9



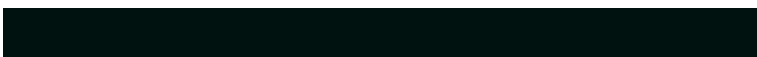
1973A4



495250



00917D



00120F

Inverse Universe

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



A4192C



D6001D



A44A19



52494B



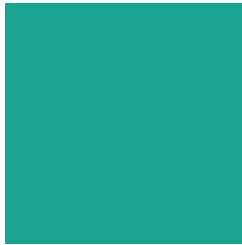
910014



120002

Previews

White Background



This preview shows how the Hex color 19A491 looks on a white background.

Color Contrast Check

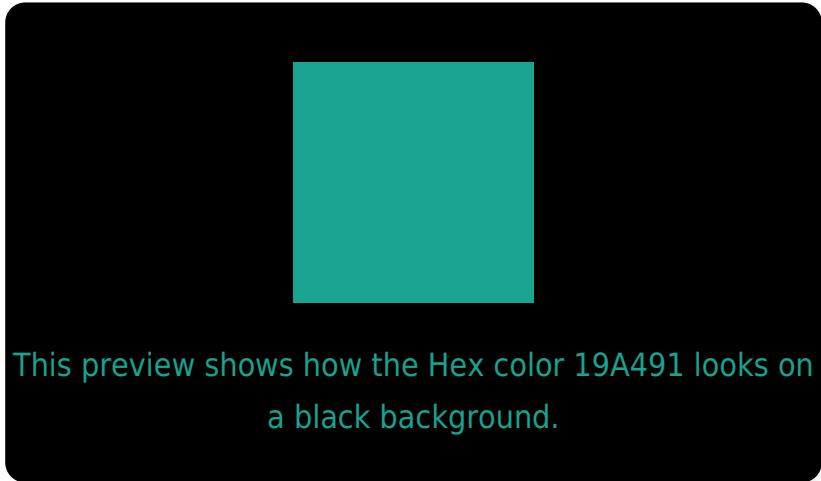
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

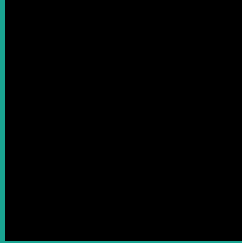
Any Text WCAG AA ✓ Pass

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 19A491 Background



This preview shows how black text looks on a background with the Hex color 19A491.

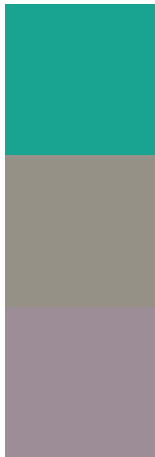


This preview shows how white text looks on a background with the Hex color 19A491.

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



Original Color
19A491

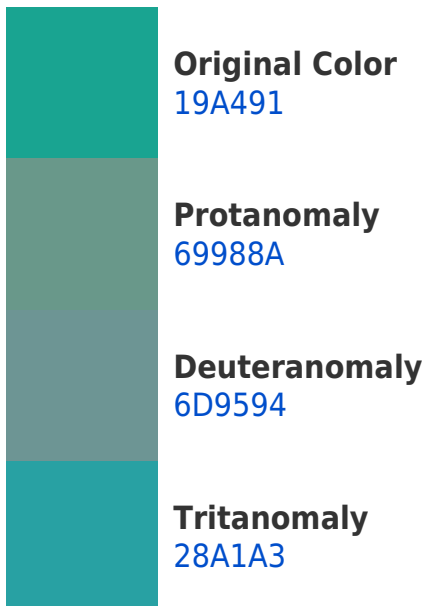
Protanopia
969186

Deuteranopia
9D8D96

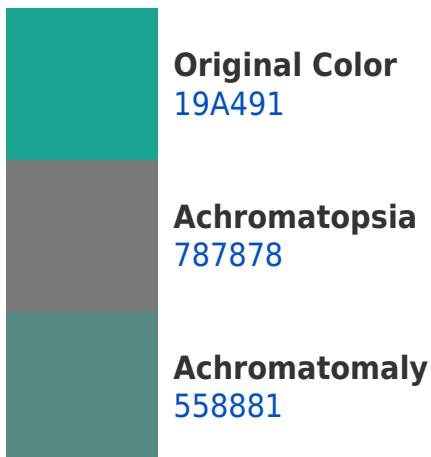


Tritanopia
31A0AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 19A491 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 #19A491 looks like.

```
.text, #text, p{  
    color:#19A491  
}
```

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 #19A491 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19A491
}
```

Border

The CSS property to change the border of an element to Hex 19A491 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
#19A491 }
```

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

```
.border{ border-color:#19A491 }
```

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

Here you see how a box with a 4 pixel #19A491 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19A491; -webkit-box-shadow:4px 4px  
4px 4px #19A491; box-shadow:4px 4px 4px  
4px #19A491 }
```

Background

The CSS property to change the background color of an element to Hex 19A491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19A491 }
```

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

```
.background{ background-color:#19A491 }
```

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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