

Converting Colors

Hex(18A590)

Have a look what the booklet for
Hex(18A590) contains.

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Color

Hex(18A590)

Conversions

Conversions Part 1

Format	Color
Hex	18A590
RGB	24, 165, 144
RGB Percent	9%, 65%, 56%
CMY	0.9059, 0.3529, 0.4353
CMYK	0.85, 0.00, 0.13, 0.35
HSL	171°, 75%, 37%
HSV	171°, 85%, 65%
XYZ	18.8659, 29.1181, 31.0116
YIQ	120.4470, -77.2950, -36.4230

Conversions

Conversions Part 2

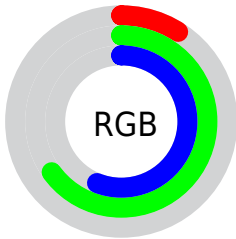
Format	Color
R_{YB}	24, 100, 165
Decimal	1615248
CIE _{Lab}	60.89, -39.74, 0.97
CIE _{LCh}	61, 39.752, 178.597
Yxy	29.1181, 0.2388, 0.3686
Android (android.graphics.Color)	4279805328 (0xFF18A590)
YUV	120.4470, 11.6116, -84.5840
Hunter-Lab	53.9612, -32.0250, 3.6988

Details

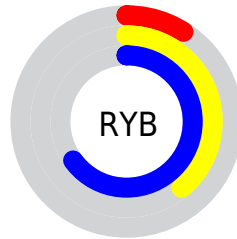
The Hex color **18A590** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A5182D**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **62DDC6**, and **00705E** is the 20% darker color. If you saturate the color by 10%, you get **07A58E**, and if you desaturate by 10%, it is **28A592**.

Distribution



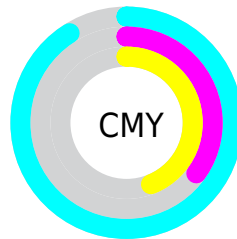
- Red (9%)
- Green (65%)
- Blue (56%)



- Red (9%)
- Yellow (39%)
- Blue (65%)



- Cyan (85%)
- Magenta (0%)
- Yellow (13%)
- Black (35%)



- Cyan (91%)
- Magenta (35%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18A590 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 18A590 by changing the saturation by 10% instead.

 18A590

 18A590

FFFFFF

 008A76

 62DDC6

 00705E

 81FAE2

 005746


 9EFFFE

 003F30

 BCFFFF

 00291B

 DAFFFF

 000601

 F8FFFF

 000000

 18A590

 18A590

 07A58E

 28A592

■ 00A58C

■ 39A595

■ 49A597

■ 5AA59A

■ 6AA59C

■ 7BA59F

■ 8BA5A1

■ 9CA5A4

■ ACA5A6

Harmonies

Analogous

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



5CA26D



18A590



00A5B3

Triad

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



18A590



948AD1



C68458

Complementary

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



18A590



A5182D

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.



D57973



18A590



BD7EB8

Square

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



18A590



5797D9



D37796



AA904B

Rectangle

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



18A590



00A2C7



D37796



CC8060

Sweetspot

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



18A590



9FD6CE



2DA518



4A6B66



EBEBEB



6B6B6B

Same Dimension

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



18A590



00D6B6



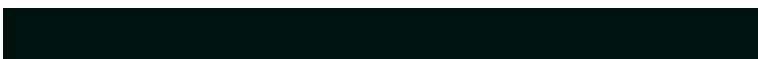
1874A5



495250



00917C



00120F

Inverse Universe

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



A5182D



D60020



A54918



52494B



910016



120003

Previews

White Background



This preview shows how the Hex color 18A590 looks on a white background.

Color Contrast Check

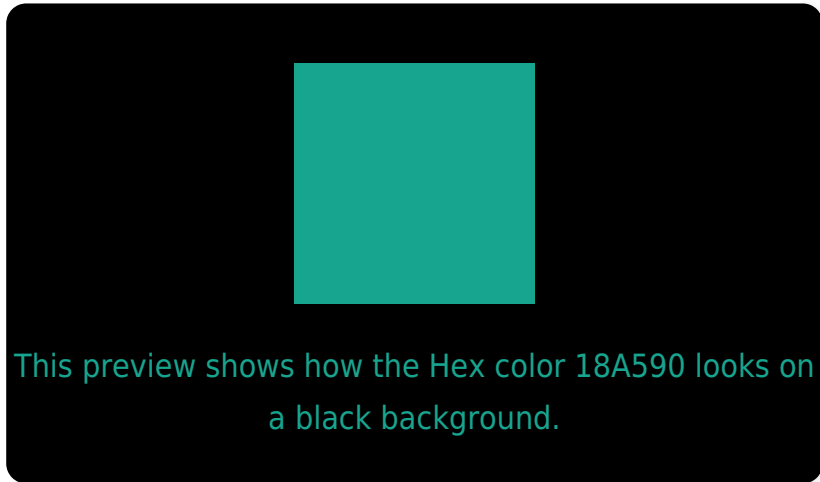
Large Text (above 18pt) WCAG AA ✓ Pass

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

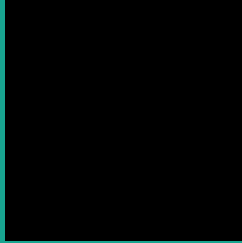
Any Text WCAG AA ✓ Pass

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 18A590 Background



This preview shows how black text looks on a background with the Hex color 18A590.

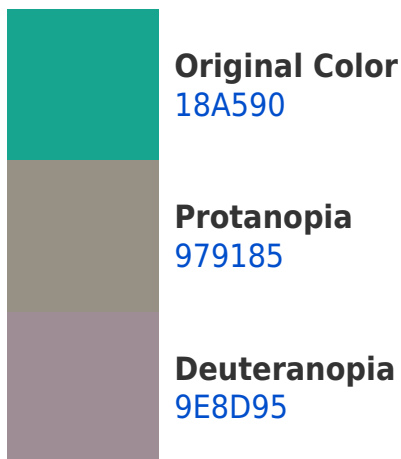


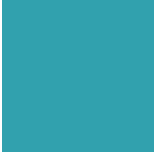
This preview shows how white text looks on a background with the Hex color 18A590.

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](#).

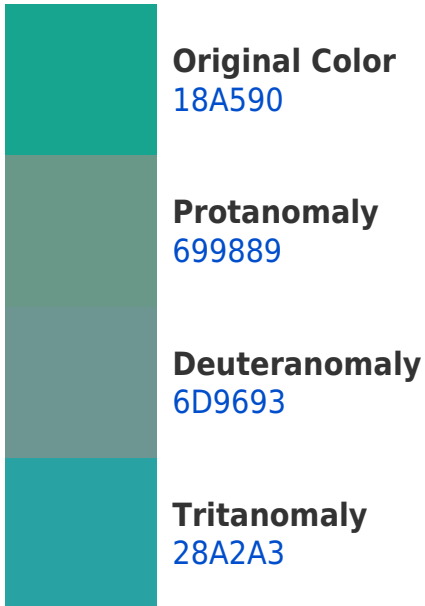
Dichromacy



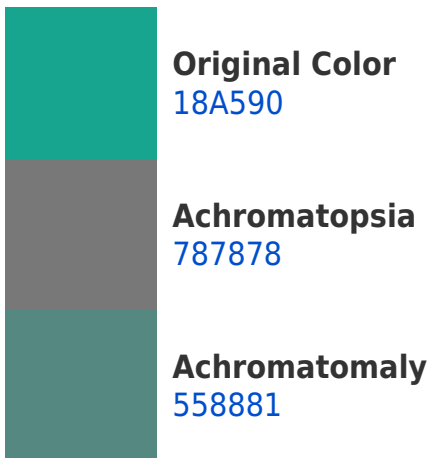


Tritanopia
31A1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 18A590 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 #18A590 looks like.

```
.text, #text, p{  
    color:#18A590  
}
```

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 #18A590 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18A590
}
```

Border

The CSS property to change the border of an element to Hex 18A590 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
#18A590 }
```

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

```
.border{ border-color:#18A590 }
```

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

Here you see how a box with a 4 pixel #18A590 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18A590; -webkit-box-shadow:4px 4px  
4px 4px #18A590; box-shadow:4px 4px 4px  
4px #18A590 }
```

Background

The CSS property to change the background color of an element to Hex 18A590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18A590 }
```

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

```
.background{ background-color:#18A590 }
```

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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