

Converting Colors

Hex(18A275)

Have a look what the booklet for
Hex(18A275) contains.

Hex(18A275)	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(18A275)

Conversions

Conversions Part 1

Format	Color
Hex	18A275
RGB	24, 162, 117
RGB Percent	9%, 64%, 46%
CMY	0.9059, 0.3647, 0.5412
CMYK	0.85, 0.00, 0.28, 0.36
HSL	160°, 74%, 36%
HSV	160°, 85%, 64%
XYZ	16.5079, 27.3192, 21.2327
YIQ	115.6080, -67.8030, -43.2510

Conversions

Conversions Part 2

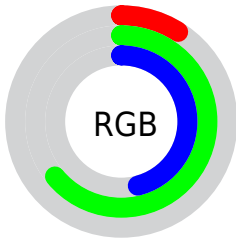
Format	Color
R_{YB}	24, 106, 162
Decimal	1614453
CIE _{Lab}	59.27, -45.47, 13.79
CIE _{LCh}	59, 47.512, 163.122
Yxy	27.3192, 0.2537, 0.4199
Android (android.graphics.Color)	4279804533 (0xFF18A275)
YUV	115.6080, 0.6863, -80.3402
Hunter-Lab	52.2678, -35.0924, 12.5021

Details

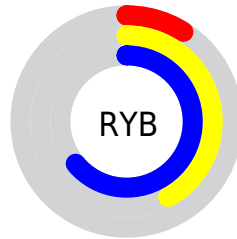
The Hex color **18A275** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A21845**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **60DAA9**, and **006D45** is the 20% darker color. If you saturate the color by 10%, you get **08A270**, and if you desaturate by 10%, it is **28A27A**.

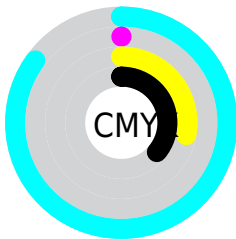
Distribution



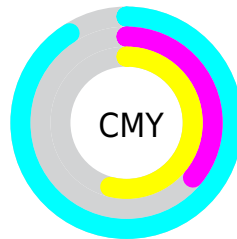
- Red (9%)
- Green (64%)
- Blue (46%)



- Red (9%)
- Yellow (42%)
- Blue (64%)



- Cyan (85%)
- Magenta (0%)
- Yellow (28%)
- Black (36%)



- Cyan (91%)
- Magenta (36%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18A275 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 18A275 by changing the saturation by 10% instead.

 18A275

 18A275

FFFFFF

 00875C

 60DAA9

 006D45

 7EF7C4

 00542E

 9BFFE0

 003B19

 B9FFFD

 002600

 D6FFFF

 000000

 F4FFFF

 18A275

 18A275

 08A270

 28A27A

■ 00A26D

■ 38A280

■ 49A285

■ 59A28A

■ 69A28F

■ 79A295

■ 89A29A

■ 9AA29F

■ AAA2A5

Harmonies

Analogous

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



679C4F



18A275



00A4A0

Triad

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



18A275



688DE0



D47557

Complementary

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



18A275



A21845

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.



DD6B7E



18A275



A97CCC

Square

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



18A275



009ADE



CF6EA8



BA843D

Rectangle

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



18A275



00A3BB



CF6EA8



D97063

Sweetspot

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



18A275



9DD4C2



46A218



4A6B60



EBEBEB



6B6B6B

Same Dimension

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



18A275



00D48F



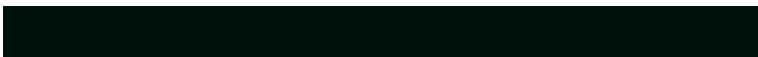
188BA2



49524F



009162



00120C

Inverse Universe

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



A21845



D40045



A22F18



52494C



91002F



120006

Previews

White Background



This preview shows how the Hex color 18A275 looks on a white background.

Color Contrast Check

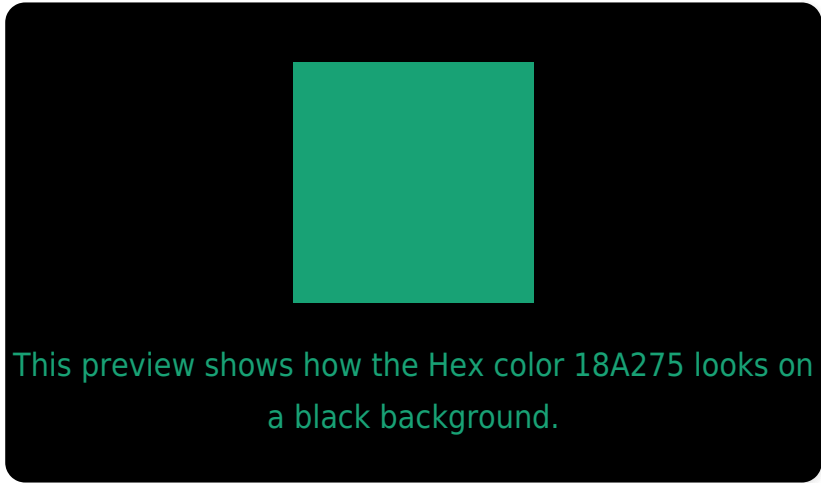
Large Text (above 18pt) WCAG AA ✓ Pass

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

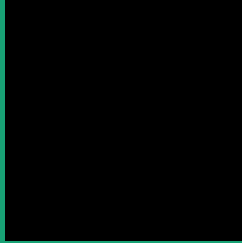
Any Text WCAG AA ✓ Pass

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 18A275 Background



This preview shows how black text looks on a background with the Hex color 18A275.

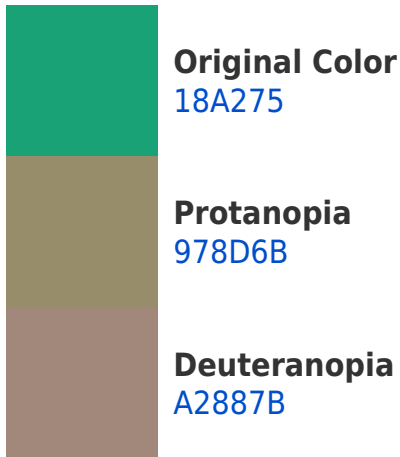


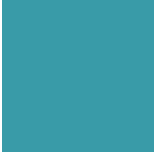
This preview shows how white text looks on a background with the Hex color 18A275.

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
399BA8

Trichromacy



Original Color
18A275



Protanomaly
69956F



Deuteranomaly
709179



Tritanomaly
2D9E95

Monochromacy



Original Color
18A275



Achromatopsia
747474



Achromatomaly
538574

CSS Examples

Text

The CSS property to change the color of the text to Hex 18A275 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 #18A275 looks like.

```
.text, #text, p{  
    color:#18A275  
}
```

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 #18A275 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18A275  
}
```

Border

The CSS property to change the border of an element to Hex 18A275 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  
#18A275 }
```

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

```
.border{ border-color:#18A275 }
```

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

Here you see how a box with a 4 pixel #18A275 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18A275; -webkit-box-shadow:4px 4px  
4px 4px #18A275; box-shadow:4px 4px 4px  
4px #18A275 }
```

Background

The CSS property to change the background color of an element to Hex 18A275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18A275 }
```

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

```
.background{ background-color:#18A275 }
```

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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