

# Converting Colors

Hex(18865D)

Have a look what the booklet for  
Hex(18865D) contains.

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# Color

**Hex(18865D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	18865D
RGB	24, 134, 93
RGB Percent	9%, 53%, 36%
CMY	0.9059, 0.4745, 0.6353
CMYK	0.82, 0.00, 0.31, 0.47
HSL	158°, 70%, 31%
HSV	158°, 82%, 53%
XYZ	10.8776, 18.0347, 13.2637
YIQ	96.4360, -52.3990, -36.0710

# Conversions

## Conversions Part 2

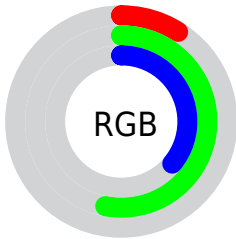
<b>Format</b>	<b>Color</b>
<b>RYB</b>	24, 92, 134
Decimal	1607261
CIELab	49.54, -39.74, 13.85
CIElCh	50, 42.083, 160.780
Yxy	18.0347, 0.2579, 0.4276
Android (android.graphics.Color)	4279797341 (0xFF18865D)
YUV	96.4360, -1.6939, -63.5264
Hunter-Lab	42.4673, -28.5967, 11.2092

# Details

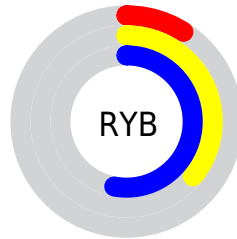
The Hex color **18865D** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **861841**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **59BC8F**, and **00532F** is the 20% darker color. If you saturate the color by 10%, you get **0B8658**, and if you desaturate by 10%, it is **258662**.

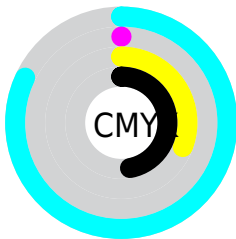
# Distribution



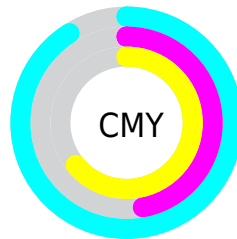
- Red (9%)
- Green (53%)
- Blue (36%)



- Red (9%)
- Yellow (36%)
- Blue (53%)



- Cyan (82%)
- Magenta (0%)
- Yellow (31%)
- Black (47%)



- Cyan (91%)
- Magenta (47%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 18865D 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 18865D by changing the saturation by 10% instead.



 18865D

 18865D

FFFFFF

 006C45

 59BC8F

 00532F

 75D8AA

 003B1A

 91F5C5

 002600

 ADFFE1

 000000

 CAFFFE

 E8FFFF

 18865D

 18865D

 0B8658

 258662

■ 008654

■ 338667

■ 40866C

■ 4E8671

■ 5B8676

■ 68867B

■ 768680

■ 838685

■ 91868A

# Harmonies

## Analogous

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



57813D



18865D



008882

# Triad

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



18865D



4E75BC



B25E49

# Complementary

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



18865D



861841

# 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.



B8576A



18865D



8967AC

# Square

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



18865D



0080B9



AB5A8E



9D6C31

# Rectangle

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



18865D



008799



AB5A8E



B65B53



# Sweetspot

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



18865D



82AD9D



428618



3D574D



D6D6D6



575757



# Same Dimension

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



18865D



02AD6D



187986



3C4240



008252



000302



# Inverse Universe

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



861841



AD0242



862518



423C3E



820030



030001



# Previews

## White Background



This preview shows how the Hex color 18865D looks on a white background.

## Color Contrast Check

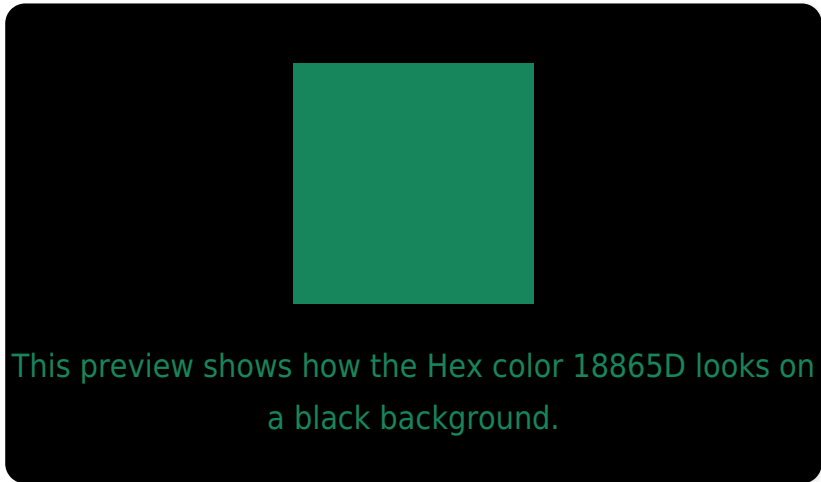
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# 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 18865D Background



This preview shows how black text looks on a background with the Hex color 18865D.



This preview shows how white text looks on a background with the Hex color 18865D.

# 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**  
18865D

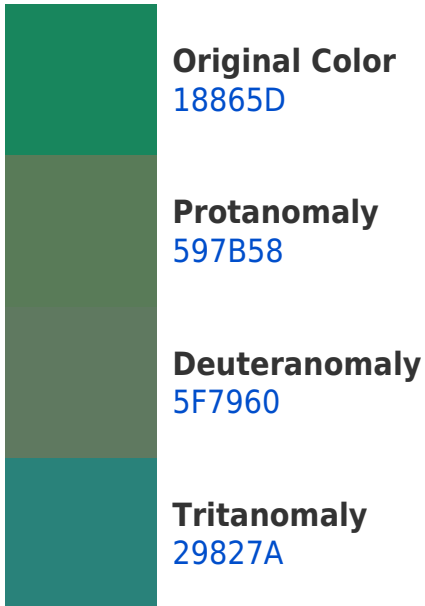
**Protanopia**  
7E7555

**Deuteranopia**  
877162



**Tritanopia**  
32808B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 18865D 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 #18865D looks like.

```
.text, #text, p{  
    color:#18865D  
}
```

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 #18865D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18865D
}
```

## Border

The CSS property to change the border of an element to Hex 18865D 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
#18865D }
```

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

```
.border{ border-color:#18865D }
```

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

Here you see how a box with a 4 pixel #18865D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18865D; -webkit-box-shadow:4px 4px  
4px 4px #18865D; box-shadow:4px 4px 4px  
4px #18865D }
```

# Background

The CSS property to change the background color of an element to Hex 18865D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18865D }
```

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

```
.background{ background-color:#18865D }
```

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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