

# Converting Colors

Hex(18904D)

Have a look what the booklet for  
Hex(18904D) contains.

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# Color

**Hex(18904D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	18904D
RGB	24, 144, 77
RGB Percent	9%, 56%, 30%
CMY	0.9059, 0.4353, 0.6980
CMYK	0.83, 0.00, 0.47, 0.44
HSL	146°, 71%, 33%
HSV	146°, 83%, 56%
XYZ	11.6895, 20.6765, 10.3960
YIQ	100.4820, -50.0130, -46.2770

# Conversions

## Conversions Part 2

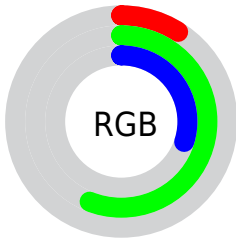
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	24, 107, 144
Decimal	1609805
CIE <sub>Lab</sub>	52.59, -47.01, 26.85
CIE <sub>LCh</sub>	53, 54.141, 150.264
Yxy	20.6765, 0.2734, 0.4835
Android (android.graphics.Color)	4279799885 (0xFF18904D)
YUV	100.4820, -11.5766, -67.0747
Hunter-Lab	45.4715, -33.6874, 18.2747

# Details

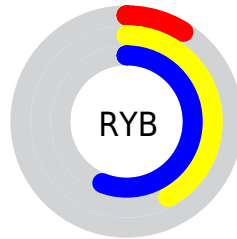
The Hex color **18904D** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **90185B**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **5BC77F**, and **005C1F** is the 20% darker color. If you saturate the color by 10%, you get **0A9045**, and if you desaturate by 10%, it is **269055**.

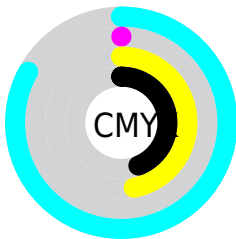
# Distribution



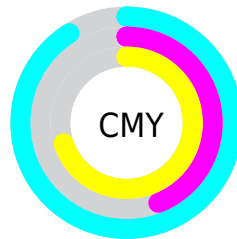
- Red (9%)
- Green (56%)
- Blue (30%)



- Red (9%)
- Yellow (42%)
- Blue (56%)



- Cyan (83%)
- Magenta (0%)
- Yellow (47%)
- Black (44%)



- Cyan (91%)
- Magenta (44%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 18904D 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 18904D by changing the saturation by 10% instead.



 18904D

 18904D

FFFFFF

 007635

 5BC77F

 005C1F

 78E399

 004307

 95FFB4

 002D00

 B1FFD0

 001000

 CEFFEC

 000000

 ECFFFF

 18904D

 18904D

 0A9045

 269055

■ 009040

■ 35905D

■ 439065

■ 52906D

■ 609075

■ 6E907D

■ 7D9085

■ 8B908D

■ 9A9095

# Harmonies

## Analogous

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



668825



18904D



00937C

# Triad

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



18904D



0083DB



CE5751

# Complementary

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



18904D



90185B

# 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.



CF517F



18904D



7E71CE

# Square

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



18904D



008ECE



B65DAC



B96A2B

# Rectangle

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



18904D



00949C



B65DAC



D15360



# Sweetspot

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



18904D



8CBAA0



5C9018



425E4F



DEDEDE



5E5E5E



# Same Dimension

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



18904D



00BA52



189088



404743



00873C



000803



# Inverse Universe

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



90185B



BA0068



901820



474044



87004B



080004



# Previews

## White Background



This preview shows how the Hex color 18904D looks on a white background.

## Color Contrast Check

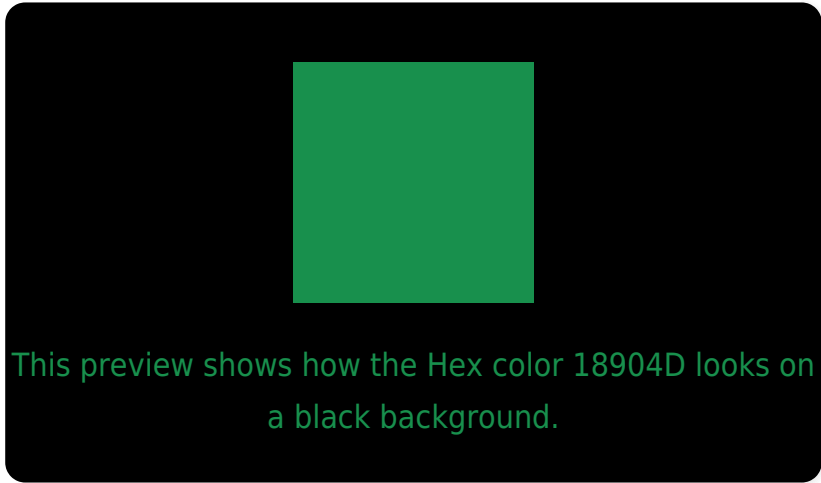
Large Text (above 18pt) WCAG AA ✓ Pass

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 18904D Background



This preview shows how black text looks on a background with the Hex color 18904D.




This preview shows how white text looks on a background with the Hex color 18904D.

# 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**  
3A8893

# Trichromacy



**Original Color**  
18904D



**Protanomaly**  
608449



**Deuteranomaly**  
688051



**Tritanomaly**  
2E8B7A

# Monochromacy



**Original Color**  
18904D



**Achromatopsia**  
646464



**Achromatomaly**  
48745C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 18904D 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 #18904D looks like.

```
.text, #text, p{  
    color:#18904D  
}
```

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 #18904D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18904D
}
```

## Border

The CSS property to change the border of an element to Hex 18904D 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
#18904D }
```

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

```
.border{ border-color:#18904D }
```

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

Here you see how a box with a 4 pixel #18904D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18904D; -webkit-box-shadow:4px 4px  
4px 4px #18904D; box-shadow:4px 4px 4px  
4px #18904D }
```

# Background

The CSS property to change the background color of an element to Hex 18904D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18904D }
```

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

```
.background{ background-color:#18904D }
```

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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