

# Converting Colors

Hex(18913D)

Have a look what the booklet for  
Hex(18913D) contains.

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# Color

**Hex(18913D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	18913D
RGB	24, 145, 61
RGB Percent	9%, 57%, 24%
CMY	0.9059, 0.4314, 0.7608
CMYK	0.83, 0.00, 0.58, 0.43
HSL	138°, 72%, 33%
HSV	138°, 83%, 57%
XYZ	11.3444, 20.7819, 7.8283
YIQ	99.2450, -45.1520, -51.7760

# Conversions

## Conversions Part 2

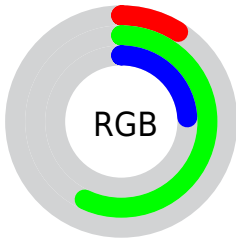
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	24, 117, 145
Decimal	1610045
CIE <sub>Lab</sub>	52.71, -49.98, 35.30
CIE <sub>LCh</sub>	53, 61.194, 144.768
Yxy	20.7819, 0.2839, 0.5201
Android (android.graphics.Color)	4279800125 (0xFF18913D)
YUV	99.2450, -18.8548, -65.9899
Hunter-Lab	45.5872, -35.3578, 21.7297

# Details

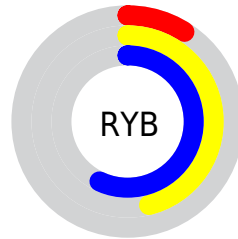
The Hex color **18913D** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **91186C**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **5CC86F**, and **005D0B** is the 20% darker color. If you saturate the color by 10%, you get **0A9133**, and if you desaturate by 10%, it is **279147**.

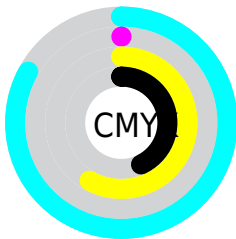
# Distribution



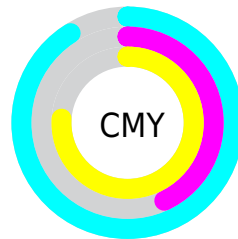
- Red (9%)
- Green (57%)
- Blue (24%)



- Red (9%)
- Yellow (46%)
- Blue (57%)



- Cyan (83%)
- Magenta (0%)
- Yellow (58%)
- Black (43%)



- Cyan (91%)
- Magenta (43%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 18913D 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 18913D by changing the saturation by 10% instead.



 18913D

 18913D

FFFFFF

 007725

 5CC86F

 005D0B

 79E489

 004400

 96FFA4

 002E00

 B2FFBF

 001100

 D0FFDB

 000000

 EDFFF8

 18913D

 18913D

 0A9133

 279147

■ 00912C

■ 359151

■ 43915B

■ 529165

■ 61916F

■ 6F9179

■ 7E9183

■ 8C918E

■ 9B9198

# Harmonies

## Analogous

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



6D8806



18913D



009573

# Triad

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



18913D



0087E7



DA4D55

# Complementary

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



18913D



91186C

# 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.



D64889



18913D



6A74DE

# Square

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



18913D



0092D3



B45BBB



C56226

# Rectangle

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



18913D



009697



B45BBB



DC4866



# Sweetspot

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



18913D



8EBD9C



6D9118



425E4B



DEDEDE



5E5E5E



# Same Dimension

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



18913D



00BD3A



189179



404742



008729



000802



# Inverse Universe

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



91186C



BD0083



911830



474045



87005E



080005



# Previews

## White Background



This preview shows how the Hex color 18913D looks on a white background.

## Color Contrast Check

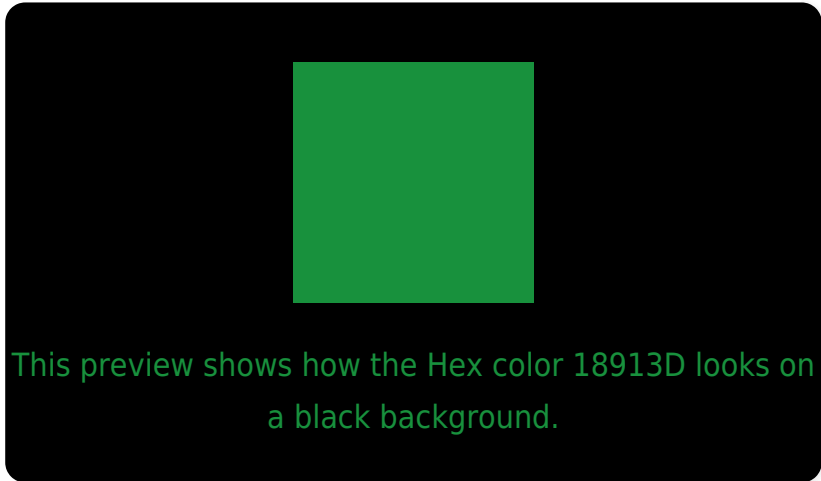
Large Text (above 18pt) WCAG AA ✓ Pass

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 18913D Background



This preview shows how black text looks on a background with the Hex color 18913D.




This preview shows how white text looks on a background with the Hex color 18913D.

# 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**  
3D8893

# Trichromacy



**Original Color**  
18913D



**Protanomaly**  
618439



**Deuteranomaly**  
6A8041



**Tritanomaly**  
308B74

# Monochromacy



**Original Color**  
18913D



**Achromatopsia**  
636363



**Achromatomaly**  
487455

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 18913D 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 #18913D looks like.

```
.text, #text, p{  
    color:#18913D  
}
```

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 #18913D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18913D
}
```

## Border

The CSS property to change the border of an element to Hex 18913D 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
#18913D }
```

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

```
.border{ border-color:#18913D }
```

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

Here you see how a box with a 4 pixel #18913D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18913D; -webkit-box-shadow:4px 4px  
4px 4px #18913D; box-shadow:4px 4px 4px  
4px #18913D }
```

# Background

The CSS property to change the background color of an element to Hex 18913D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18913D }
```

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

```
.background{ background-color:#18913D }
```

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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