

Converting Colors

Hex(189603)

Have a look what the booklet for
Hex(189603) contains.

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Color

Hex(189603)

Conversions

Conversions Part 1

Format	Color
Hex	189603
RGB	24, 150, 3
RGB Percent	9%, 59%, 1%
CMY	0.9059, 0.4118, 0.9882
CMYK	0.84, 0.00, 0.98, 0.41
HSL	111°, 96%, 30%
HSV	111°, 98%, 59%
XYZ	11.2995, 22.0135, 3.7396
YIQ	95.5680, -27.9090, -72.4290

Conversions

Conversions Part 2

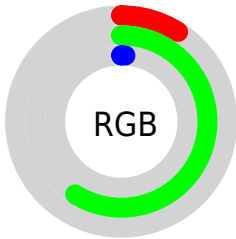
Format	Color
R_{YB}	3, 150, 129
Decimal	1611267
CIE _{Lab}	54.04, -56.05, 55.75
CIE _{LCh}	54, 79.054, 135.153
Yxy	22.0135, 0.3050, 0.5941
Android (android.graphics.Color)	4279801347 (0xFF189603)
YUV	95.5680, -45.6360, -62.7651
Hunter-Lab	46.9185, -39.1189, 28.1173

Details

The Hex color **189603** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **810396**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **60CD46**, and **006100** is the 20% darker color. If you saturate the color by 10%, you get **159600**, and if you desaturate by 10%, it is **259612**.

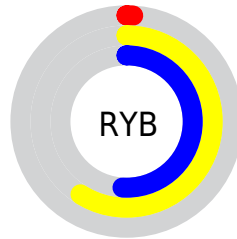
Distribution



Red (9%)

Green (59%)

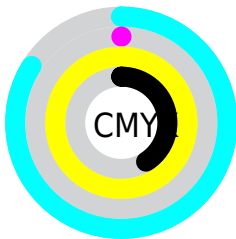
Blue (1%)



Red (1%)

Yellow (59%)

Blue (51%)

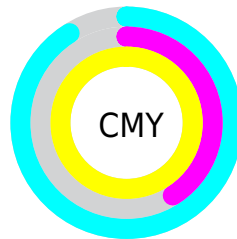


Cyan (84%)

Magenta (0%)

Yellow (98%)

Black (41%)



Cyan (91%)

Magenta (41%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 189603 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 189603 by changing the saturation by 10% instead.

 189603

 189603

FFFFFF

 007B00

 60CD46

 006100

 7EEA61

 004800

 9BFF7C

 003200

 B8FF98

 001700

 D6FFB4

 000000

 F4FFD0

 FFFFED

 189603

 189603

■ 159600

■ 259612

■ 329621

■ 3F9630

■ 4B963F

■ 58964E

■ 65965D

■ 72966C

■ 7F967B

■ 8C968A

Harmonies

Analogous

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



7D8900



189603



009C5C

Triad

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



189603



0093FF



F72762

Complementary

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



189603



810396

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.



E830A6



189603



007EFF

Square

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



189603



009CE1



AD5CE3



E34F1F

Rectangle

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



189603



009E8C



AD5CE3



F62179

Sweetspot

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



189603



92C28A



968003



44613F



E0E0E0



616161

Same Dimension

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



189603



1CC200



039636



444A43



148A00



010A00

Inverse Universe

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



810396



A600C2



960363



49434A



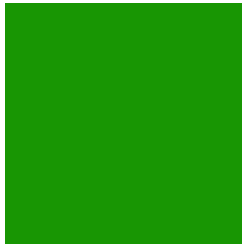
76008A



09000A

Previews

White Background



This preview shows how the Hex color 189603 looks on a white background.

Color Contrast Check

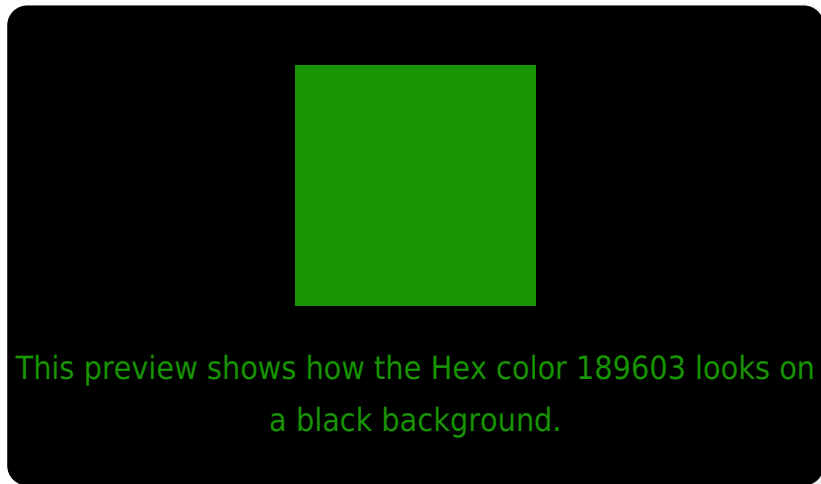
Large Text (above 18pt) WCAG AA ✓ Pass

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 189603 Background



This preview shows how black text looks on a background with the Hex color 189603.



This preview shows how white text looks on a background with the Hex color 189603.

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
189603

Protanopia
918100

Deuteranopia
A17A20



Tritanopia
428B97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 189603 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 #189603 looks like.

```
.text, #text, p{  
    color:#189603  
}
```

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 #189603 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #189603
}
```

Border

The CSS property to change the border of an element to Hex 189603 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
#189603 }
```

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

```
.border{ border-color:#189603 }
```

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

Here you see how a box with a 4 pixel #189603 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #189603; -webkit-box-shadow:4px 4px  
4px 4px #189603; box-shadow:4px 4px 4px  
4px #189603 }
```

Background

The CSS property to change the background color of an element to Hex 189603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#189603 }
```

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

```
.background{ background-color:#189603 }
```

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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