

# Converting Colors

Hex(188145)

Have a look what the booklet for  
Hex(188145) contains.

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# Color

Hex(188145)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	188145
RGB	24, 129, 69
RGB Percent	9%, 51%, 27%
CMY	0.9059, 0.4941, 0.7294
CMYK	0.81, 0.00, 0.47, 0.49
HSL	146°, 69%, 30%
HSV	146°, 81%, 51%
XYZ	9.3011, 16.3244, 8.2909
YIQ	90.7650, -43.3200, -40.9200

# Conversions

## Conversions Part 2

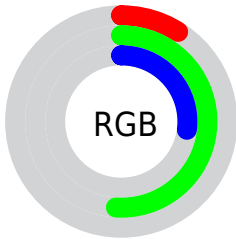
<b>Format</b>	<b>Color</b>
<b>RYB</b>	24, 98, 129
Decimal	1605957
CIELab	47.40, -42.85, 24.54
CIELCh	47, 49.380, 150.207
Yxy	16.3244, 0.2742, 0.4813
Android (android.graphics.Color)	4279796037 (0xFF188145)
YUV	90.7650, -10.7301, -58.5529
Hunter-Lab	40.4034, -29.6142, 16.1159

# Details

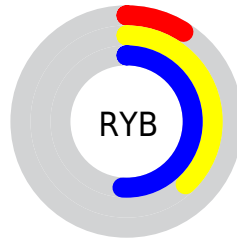
The Hex color **188145** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **811854**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **57B776**, and **004E18** is the 20% darker color. If you saturate the color by 10%, you get **0B813E**, and if you desaturate by 10%, it is **25814C**.

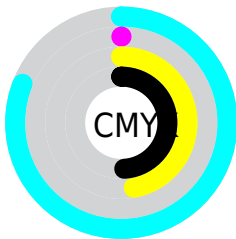
# Distribution



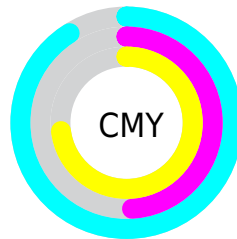
- Red (9%)
- Green (51%)
- Blue (27%)



- Red (9%)
- Yellow (38%)
- Blue (51%)



- Cyan (81%)
- Magenta (0%)
- Yellow (47%)
- Black (49%)



- Cyan (91%)
- Magenta (49%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 188145 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 188145 by changing the saturation by 10% instead.



 188145

 188145

FFFFFF

 00672E

 57B776

 004E18

 73D390

 003600

 8FF0AB

 002100

 ABFFC6

 000000

 C8FFE2

 E5FFFF

 188145

 188145

 0B813E

 25814C

■ 008137

■ 328154

■ 3F815B

■ 4C8162

■ 59816A

■ 658171

■ 728179

■ 7F8180

■ 8C8187

# Harmonies

## Analogous

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



5C7A22



188145



00846F

# Triad

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



188145



0075C4



B94F49

# Complementary

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



188145



811854

# 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.



BA4972



188145



7165B9

# Square

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



188145



007FB8



A3539A



A65F27

# Rectangle

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



188145



00848C



A3539A



BC4B56



# Sweetspot

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



188145



80A891



558118



3C5446



D4D4D4



545454



# Same Dimension

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



188145



03A84A



188178



39403C



008037



000000



# Inverse Universe

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



811854



A80362



811821



40393D



800049



000000



# Previews

## White Background



This preview shows how the Hex color 188145 looks on a white background.

## Color Contrast Check

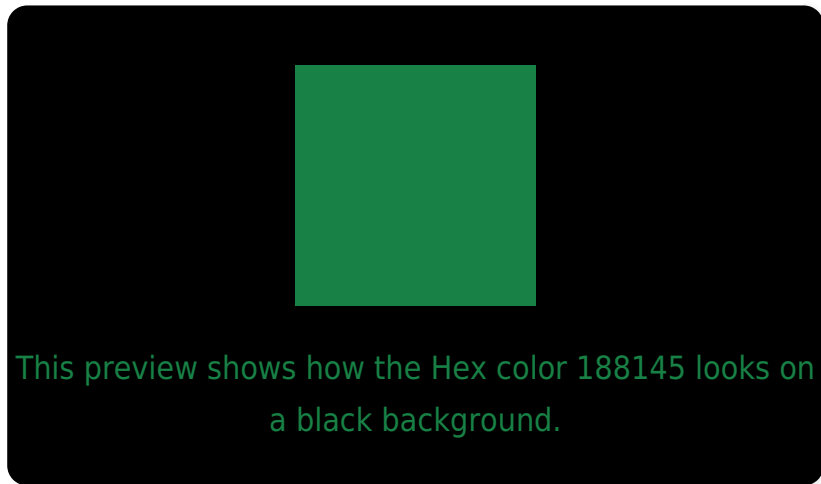
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

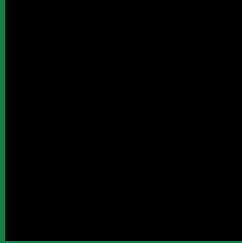
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 188145 Background



This preview shows how black text looks on a background with the Hex color 188145.



This preview shows how white text looks on a background with the Hex color 188145.

# 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**  
188145

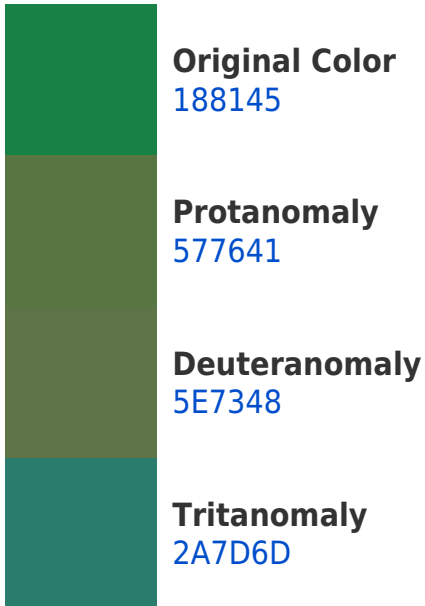
**Protanopia**  
7B703F

**Deuteranopia**  
866B4A

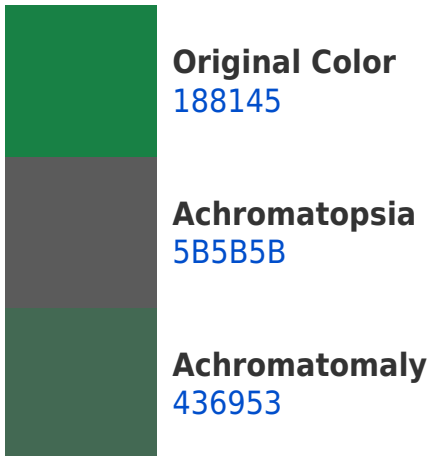


**Tritanopia**  
357A84

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 188145 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 #188145 looks like.

```
.text, #text, p{  
    color:#188145  
}
```

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 #188145 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #188145
}
```

## Border

The CSS property to change the border of an element to Hex 188145 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
#188145 }
```

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

```
.border{ border-color:#188145 }
```

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

Here you see how a box with a 4 pixel #188145 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #188145; -webkit-box-shadow:4px 4px  
4px 4px #188145; box-shadow:4px 4px 4px  
4px #188145 }
```

# Background

The CSS property to change the background color of an element to Hex 188145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#188145 }
```

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

```
.background{ background-color:#188145 }
```

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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