

Converting Colors

Hex(188668)

Have a look what the booklet for
Hex(188668) contains.

Hex(188668)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(188668)

Conversions

Conversions Part 1

Format	Color
Hex	188668
RGB	24, 134, 104
RGB Percent	9%, 53%, 41%
CMY	0.9059, 0.4745, 0.5922
CMYK	0.82, 0.00, 0.22, 0.47
HSL	164°, 70%, 31%
HSV	164°, 82%, 53%
XYZ	11.4005, 18.2439, 16.0173
YIQ	97.6900, -55.9300, -32.6500

Conversions

Conversions Part 2

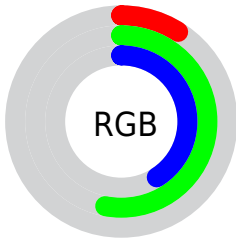
Format	Color
RYB	24, 88, 134
Decimal	1607272
CIELab	49.79, -37.00, 7.85
CIELCh	50, 37.821, 168.014
Yxy	18.2439, 0.2497, 0.3995
Android (android.graphics.Color)	4279797352 (0xFF188668)
YUV	97.6900, 3.1108, -64.6261
Hunter-Lab	42.7128, -27.1040, 7.6653

Details

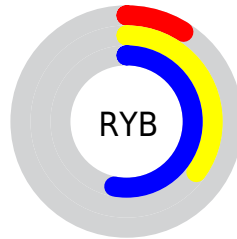
The Hex color **188668** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **861836**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **59BC9B**, and **005339** is the 20% darker color. If you saturate the color by 10%, you get **0B8664**, and if you desaturate by 10%, it is **25866C**.

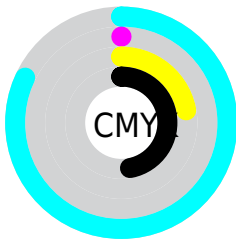
Distribution



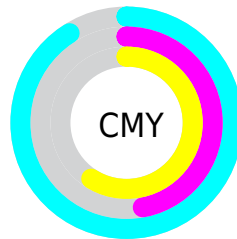
- Red (9%)
- Green (53%)
- Blue (41%)



- Red (9%)
- Yellow (35%)
- Blue (53%)



- Cyan (82%)
- Magenta (0%)
- Yellow (22%)
- Black (47%)



- Cyan (91%)
- Magenta (47%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 188668 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 188668 by changing the saturation by 10% instead.

 188668

 188668

FFFFFF

 006C50

 59BC9B

 005339

 75D8B6

 003B23

 92F5D2

 00260E

 AEFEE

 000000

 CBFFF

 E8FFF

 188668

 188668

 0B8664

 25866C

■ 008661

■ 33866F

■ 408673

■ 4E8677

■ 5B867A

■ 68867E

■ 768682

■ 838685

■ 918689

Harmonies

Analogous

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



52824A



188668



008789

Triad

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



188668



6473B3



AA6448

Complementary

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



188668



861836

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.



B35C64



188668



9166A2

Square

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



188668



107EB5



AC5D85



957036

Rectangle

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



188668



00859D



AC5D85



AF6150

Sweetspot

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



188668



82ADA2



378618



3D5750



D6D6D6



575757

Same Dimension

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



188668



02AD7F



186E86



3C4240



00825F



000302

Inverse Universe

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



861836



AD0231



863018



423C3D



820023



030001

Previews

White Background



This preview shows how the Hex color 188668 looks on a white background.

Color Contrast Check

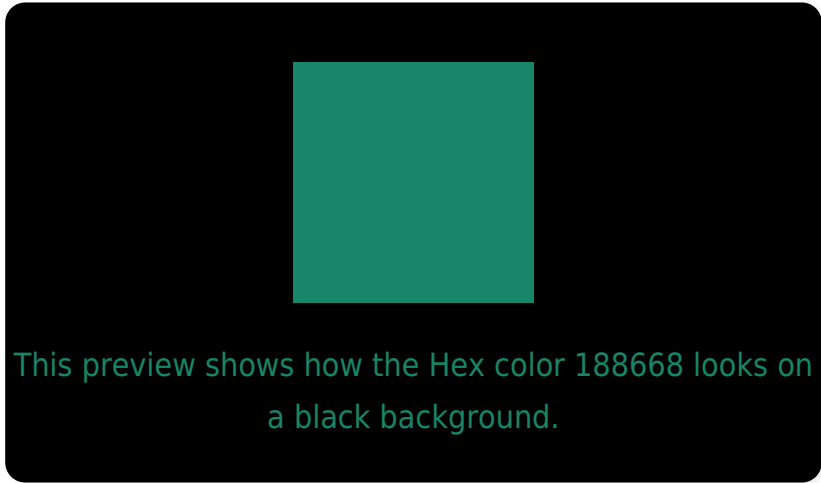
Large Text (above 18pt) WCAG AA ✓ Pass

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

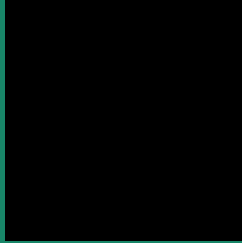
Any Text WCAG AA ✓ Pass

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 188668 Background



This preview shows how black text looks on a background with the Hex color 188668.

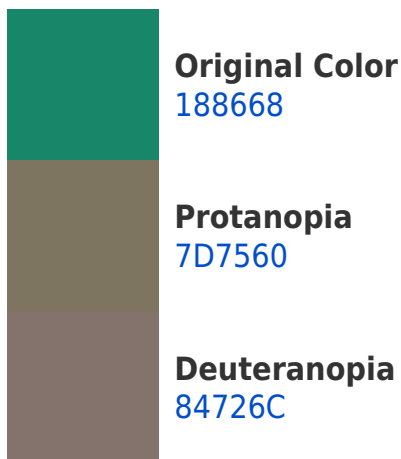


This preview shows how white text looks on a background with the Hex color 188668.

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
2F818C

Trichromacy



Original Color

188668



Protanomaly

587B63



Deuteranomaly

5D796B



Tritanomaly

27837F

Monochromacy



Original Color

188668



Achromatopsia

626262



Achromatomaly

476F64

CSS Examples

Text

The CSS property to change the color of the text to Hex 188668 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 #188668 looks like.

```
.text, #text, p{  
    color:#188668  
}
```

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 #188668 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #188668  
}
```

Border

The CSS property to change the border of an element to Hex 188668 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  
#188668 }
```

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

```
.border{ border-color:#188668 }
```

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

Here you see how a box with a 4 pixel #188668 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #188668; -webkit-box-shadow:4px 4px  
4px 4px #188668; box-shadow:4px 4px 4px  
4px #188668 }
```

Background

The CSS property to change the background color of an element to Hex 188668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#188668 }
```

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

```
.background{ background-color:#188668 }
```

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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