

Converting Colors

Hex(188932)

Have a look what the booklet for
Hex(188932) contains.

Hex(188932)	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(188932)

Conversions

Conversions Part 1

Format	Color
Hex	188932
RGB	24, 137, 50
RGB Percent	9%, 54%, 20%
CMY	0.9059, 0.4627, 0.8039
CMYK	0.82, 0.00, 0.64, 0.46
HSL	134°, 70%, 32%
HSV	134°, 82%, 54%
XYZ	9.8981, 18.3158, 6.0312
YIQ	93.2950, -39.4210, -51.0130

Conversions

Conversions Part 2

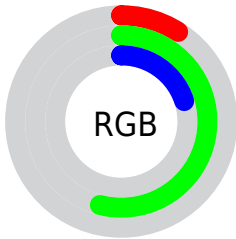
Format	Color
RYB	24, 116, 137
Decimal	1607986
CIELab	49.88, -48.71, 37.34
CIELCh	50, 61.380, 142.528
Yxy	18.3158, 0.2890, 0.5348
Android (android.graphics.Color)	4279798066 (0xFF188932)
YUV	93.2950, -21.3444, -60.7717
Hunter-Lab	42.7970, -33.6112, 21.6023

Details

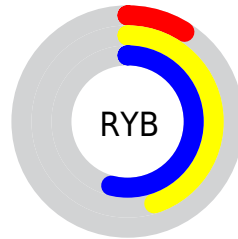
The Hex color **188932** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **89186F**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **5AC064**, and **005600** is the 20% darker color. If you saturate the color by 10%, you get **0A8927**, and if you desaturate by 10%, it is **26893D**.

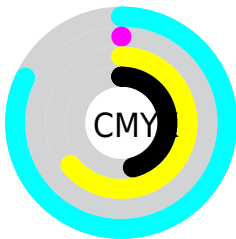
Distribution



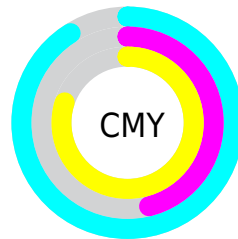
- Red (9%)
- Green (54%)
- Blue (20%)



- Red (9%)
- Yellow (45%)
- Blue (54%)



- Cyan (82%)
- Magenta (0%)
- Yellow (64%)
- Black (46%)



- Cyan (91%)
- Magenta (46%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the Hex color 188932 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 188932 by changing the saturation by 10% instead.

 188932

 188932

FFFFFF

 006F19

 5AC064

 005600

 77DC7D

 003D00

 93F998

 002800

 B0FFB3

 000000

 CDFFCF

 EAFFEC

 188932

 188932

 0A8927

 26893D

■ 008920

■ 338947

■ 418952

■ 4F895C

■ 5D8967

■ 6A8971

■ 78897C

■ 868986

■ 938991

Harmonies

Analogous

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



698000



188932



008D67

Triad

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



188932



0081DF



D24352

Complementary

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



188932



89186F

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.



CC4086



188932



596ED8

Square

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



188932



008BC9



A855B7



BE5922

Rectangle

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



188932



008E8C



A855B7



D33F63

Sweetspot

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



188932



86B390



718918



3E5945



D9D9D9



595959

Same Dimension

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



188932



02B32A



188969



3E4540



00851F



000501

Inverse Universe

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



89186F



B3028A



891838



453E43



850066



050004

Previews

White Background



This preview shows how the Hex color 188932 looks on a white background.

Color Contrast Check

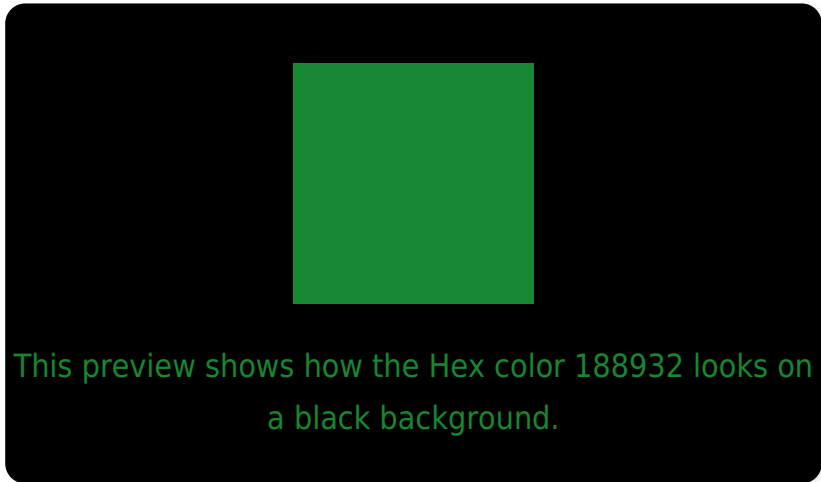
Large Text (above 18pt) WCAG AA ✓ Pass

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

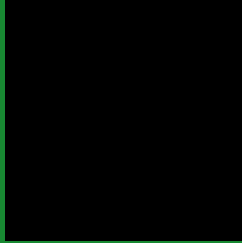
Any Text WCAG AA ✓ Pass

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 188932 Background



This preview shows how black text looks on a background with the Hex color 188932.



This preview shows how white text looks on a background with the Hex color 188932.

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
188932

Protanopia
84762D

Deuteranopia
91703A



Tritanopia
3B808B

Trichromacy



Original Color
188932



Protanomaly
5D7D2F



Deuteranomaly
657937



Tritanomaly
2E836B

Monochromacy



Original Color
188932



Achromatopsia
5D5D5D



Achromatomaly
446D4D

CSS Examples

Text

The CSS property to change the color of the text to Hex 188932 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 #188932 looks like.

```
.text, #text, p{  
    color:#188932  
}
```

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 #188932 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #188932
}
```

Border

The CSS property to change the border of an element to Hex 188932 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
#188932 }
```

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

```
.border{ border-color:#188932 }
```

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

Here you see how a box with a 4 pixel #188932 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #188932; -webkit-box-shadow:4px 4px  
4px 4px #188932; box-shadow:4px 4px 4px  
4px #188932 }
```

Background

The CSS property to change the background color of an element to Hex 188932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#188932 }
```

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

```
.background{ background-color:#188932 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor