

Converting Colors

Hex(198E0A)

Have a look what the booklet for
Hex(198E0A) contains.

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Color

Hex(198E0A)

Conversions

Conversions Part 1

Format	Color
Hex	198E0A
RGB	25, 142, 10
RGB Percent	10%, 56%, 4%
CMY	0.9020, 0.4431, 0.9608
CMYK	0.82, 0.00, 0.93, 0.44
HSL	113°, 87%, 30%
HSV	113°, 93%, 56%
XYZ	10.1287, 19.5746, 3.5316
YIQ	91.9690, -27.3600, -65.8560

Conversions

Conversions Part 2

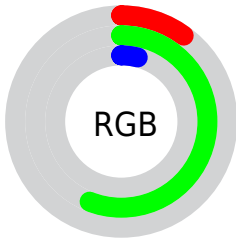
Format	Color
RYB	10, 142, 127
Decimal	1674762
CIELab	51.35, -53.26, 52.34
CIELCh	51, 74.678, 135.499
Yxy	19.5746, 0.3048, 0.5890
Android (android.graphics.Color)	4279864842 (0xFF198E0A)
YUV	91.9690, -40.4107, -58.7318
Hunter-Lab	44.2432, -36.5612, 26.2376

Details

The Hex color **198E0A** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **7F0A8E**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **5EC547**, and **005A00** is the 20% darker color. If you saturate the color by 10%, you get **108E00**, and if you desaturate by 10%, it is **268E18**.

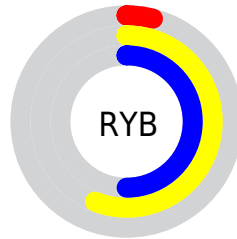
Distribution



Red (10%)

Green (56%)

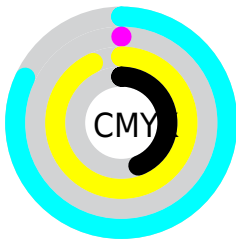
Blue (4%)



Red (4%)

Yellow (56%)

Blue (50%)

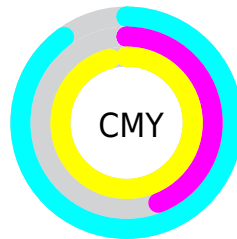


Cyan (82%)

Magenta (0%)

Yellow (93%)

Black (44%)



Cyan (90%)

Magenta (44%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 198E0A 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 198E0A by changing the saturation by 10% instead.

 198E0A

 198E0A

FFFFFF

 007400

 5EC547

 005A00

 7BE162

 004100

 98FE7D

 002B00

 B5FF98

 000900

 D3FFB4

 000000

 F1FFD0

 FFFFED

 198E0A

 198E0A

■ 108E00

■ 268E18

■ 328E26

■ 3F8E35

■ 4B8E43

■ 588E51

■ 658E5F

■ 718E6D

■ 7E8E7C

■ 8A8E8A

Harmonies

Analogous

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



768200



198E0A



009458

Triad

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



198E0A



008BF7



E8295C

Complementary

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



198E0A



7F0A8E

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.



DB309C



198E0A



0077F7

Square

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



198E0A



0094D5



A557D5



D64C1E

Rectangle

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



198E0A



009685



A557D5



E82472

Sweetspot

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



198E0A



8AB884



8E7F0A



405C3D



DBDBDB



5C5C5C

Same Dimension

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



198E0A



15B800



0A8E3D



414740



0F8700



010800

Inverse Universe

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



7F0A8E



A300B8



8E0A5B



474047



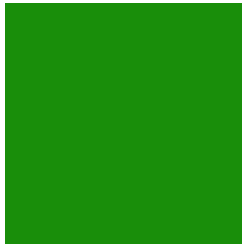
780087



070008

Previews

White Background



This preview shows how the Hex color 198E0A looks on a white background.

Color Contrast Check

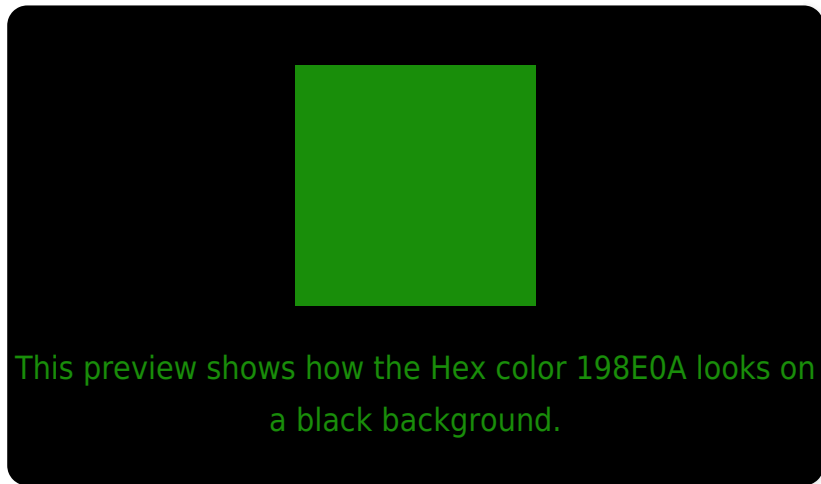
Large Text (above 18pt) WCAG AA ✓ Pass

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 198E0A Background



This preview shows how black text looks on a background with the Hex color 198E0A.



This preview shows how white text looks on a background with the Hex color 198E0A.

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
198E0A

Protanopia
897A00

Deuteranopia
997320



Tritanopia
3F848F

Trichromacy



Original Color
198E0A



Protanomaly
608104



Deuteranomaly
6A7D18



Tritanomaly
31885F

Monochromacy



Original Color
198E0A



Achromatopsia
5C5C5C



Achromatomaly
446E3E

CSS Examples

Text

The CSS property to change the color of the text to Hex 198E0A 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 #198E0A looks like.

```
.text, #text, p{  
    color:#198E0A  
}
```

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 #198E0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #198E0A
}
```

Border

The CSS property to change the border of an element to Hex 198E0A 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
#198E0A }
```

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

```
.border{ border-color:#198E0A }
```

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

Here you see how a box with a 4 pixel #198E0A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #198E0A; -webkit-box-shadow:4px 4px  
4px 4px #198E0A; box-shadow:4px 4px 4px  
4px #198E0A }
```

Background

The CSS property to change the background color of an element to Hex 198E0A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#198E0A }
```

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

```
.background{ background-color:#198E0A }
```

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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