

Converting Colors

Hex(198B10)

Have a look what the booklet for
Hex(198B10) contains.

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Color

Hex(198B10)

Conversions

Conversions Part 1

Format	Color
Hex	198B10
RGB	25, 139, 16
RGB Percent	10%, 55%, 6%
CMY	0.9020, 0.4549, 0.9373
CMYK	0.82, 0.00, 0.88, 0.45
HSL	116°, 79%, 30%
HSV	116°, 88%, 55%
XYZ	9.7270, 18.7093, 3.5888
YIQ	90.8920, -28.4610, -62.4210

Conversions

Conversions Part 2

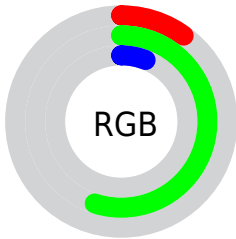
Format	Color
RYB	16, 139, 130
Decimal	1674000
CIELab	50.35, -52.10, 50.26
CIELCh	50, 72.391, 136.026
Yxy	18.7093, 0.3037, 0.5842
Android (android.graphics.Color)	4279864080 (0xFF198B10)
YUV	90.8920, -36.9218, -57.7873
Hunter-Lab	43.2543, -35.5538, 25.3587

Details

The Hex color **198B10** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **82108B**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **5DC24A**, and **005700** is the 20% darker color. If you saturate the color by 10%, you get **0C8B02**, and if you desaturate by 10%, it is **268B1E**.

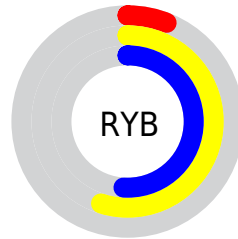
Distribution



Red (10%)

Green (55%)

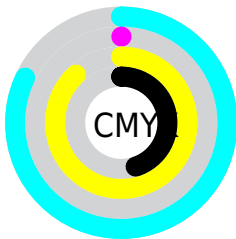
Blue (6%)



Red (6%)

Yellow (55%)

Blue (51%)

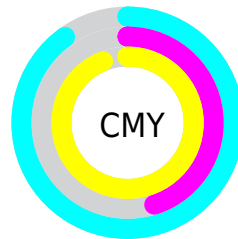


Cyan (82%)

Magenta (0%)

Yellow (88%)

Black (45%)



Cyan (90%)

Magenta (45%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 198B10 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 198B10 by changing the saturation by 10% instead.

 198B10

 198B10

FFFFFF

 007100

 5DC24A

 005700

 7ADE64

 003F00

 97FB7E

 002900

 B4FF9A

 000200

 D1FFB5

 000000

 EFFF D2

 FFFF E F

 198B10

 198B10

 0C8B02

 268B1E

 0A8B00

 338B2C

 408B3A

 4D8B48

 598B55

 668B63

 738B71

 808B7F

 8D8B8D

Harmonies

Analogous

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



737F00



198B10



009158

Triad

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



198B10



0087F1



E22B5A

Complementary

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



198B10



82108B

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.



D63197



198B10



0074F0

Square

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



198B10



0090D0



A255CE



D04C1E

Rectangle

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



198B10



009283



A255CE



E2276E

Sweetspot

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



198B10



88B584



8B8110



415C3E



DBDBDB



5C5C5C

Same Dimension

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



198B10



0DB500



108B43



3E453E



0A8500



000500

Inverse Universe

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



82108B



A800B5



8B1058



443E45



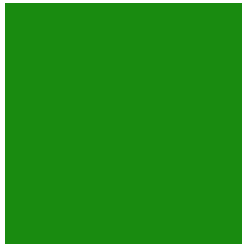
7B0085



050005

Previews

White Background



This preview shows how the Hex color 198B10 looks on a white background.

Color Contrast Check

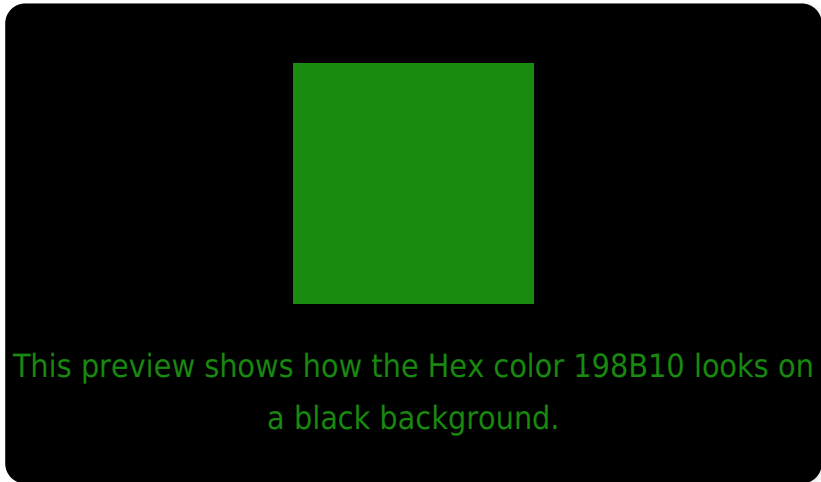
Large Text (above 18pt) WCAG AA ✓ Pass

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 198B10 Background



This preview shows how black text looks on a background with the Hex color 198B10.



This preview shows how white text looks on a background with the Hex color 198B10.

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
198B10

Protanopia
867708

Deuteranopia
967121



Tritanopia
3E818C

Trichromacy



Original Color
198B10

Protanomaly
5E7E0B

Deuteranomaly
697A1B

Tritanomaly
31855F

Monochromacy



Original Color
198B10

Achromatopsia
5B5B5B

Achromatomaly
436C40

CSS Examples

Text

The CSS property to change the color of the text to Hex 198B10 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 #198B10 looks like.

```
.text, #text, p{  
    color:#198B10  
}
```

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 #198B10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #198B10
}
```

Border

The CSS property to change the border of an element to Hex 198B10 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
#198B10 }
```

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

```
.border{ border-color:#198B10 }
```

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

Here you see how a box with a 4 pixel #198B10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #198B10; -webkit-box-shadow:4px 4px  
4px 4px #198B10; box-shadow:4px 4px 4px  
4px #198B10 }
```

Background

The CSS property to change the background color of an element to Hex 198B10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#198B10 }
```

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

```
.background{ background-color:#198B10 }
```

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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