

Converting Colors

Hex(18C110)

Have a look what the booklet for
Hex(18C110) contains.

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Color

Hex(18C110)

Conversions

Conversions Part 1

Format	Color
Hex	18C110
RGB	24, 193, 16
RGB Percent	9%, 76%, 6%
CMY	0.9059, 0.2431, 0.9373
CMYK	0.88, 0.00, 0.92, 0.24
HSL	117°, 85%, 41%
HSV	117°, 92%, 76%
XYZ	19.5402, 38.3715, 6.8668
YIQ	122.2910, -43.9070, -90.8750

Conversions

Conversions Part 2

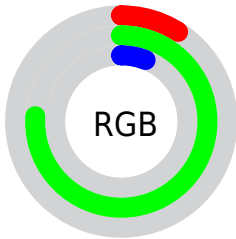
Format	Color
RYB	16, 193, 185
Decimal	1622288
CIELab	68.29, -68.24, 65.72
CIElCh	68, 94.741, 136.074
Yxy	38.3715, 0.3016, 0.5923
Android (android.graphics.Color)	4279812368 (0xFF18C110)
YUV	122.2910, -52.4015, -86.2012
Hunter-Lab	61.9448, -52.0963, 36.7888

Details

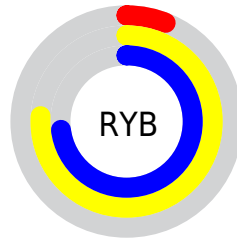
The Hex color **18C110** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **B910C1**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **6BFB54**, and **008A00** is the 20% darker color. If you saturate the color by 10%, you get **09C100**, and if you desaturate by 10%, it is **2AC123**.

Distribution



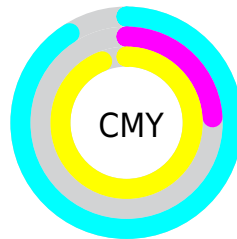
- Red (9%)
- Green (76%)
- Blue (6%)



- Red (6%)
- Yellow (76%)
- Blue (73%)



- Cyan (88%)
- Magenta (0%)
- Yellow (92%)
- Black (24%)



- Cyan (91%)
- Magenta (24%)
- Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18C110 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 18C110 by changing the saturation by 10% instead.

 18C110

 18C110


FFFFFF

 00A500

 6BFB54

 008A00

 8BFF70

 006F00

 AAFF8C

 005500

 C9FFA9

 003D00

 E8FFC6

 002400

 FFFF E3

 000000

 18C110

 18C110

 09C100

 2AC123

 3DC137

 4FC14A

 62C15D

 74C171

 87C184

 99C197

 ABC1AA

 BEC1BE

Harmonies

Analogous

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



9EB100



18C110



00C97A

Triad

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



18C110



00BCFF



FF377D

Complementary

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



18C110



B910C1

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.



FF40D2



18C110



00A1FF

Square

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



18C110



00C8FF



E176FF



FF6928

Rectangle

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



18C110



00CBB6



E176FF



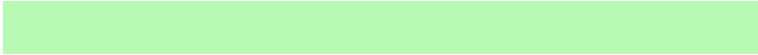
FF2F99

Sweetspot

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



18C110



B7FAB4



C1B810



547D52



FCFCFC



7D7D7D

Same Dimension

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



18C110



0BFA00



10C160



586157



07A100



012100

Inverse Universe

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



B910C1



EF00FA



C11071



605761



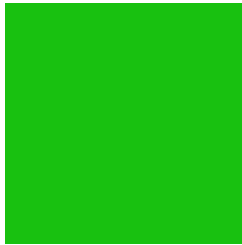
9900A1



200021

Previews

White Background



This preview shows how the Hex color 18C110 looks on a white background.

Color Contrast Check

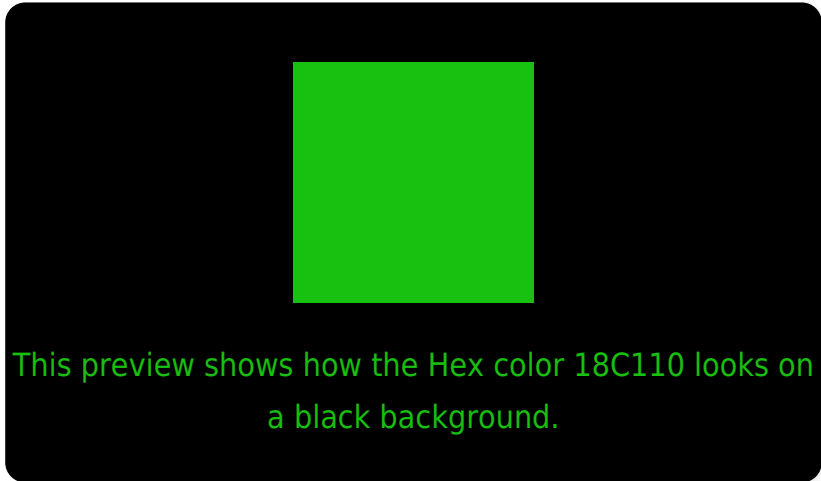
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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

Hex 18C110 Background



This preview shows how black text looks on a background with the Hex color 18C110.

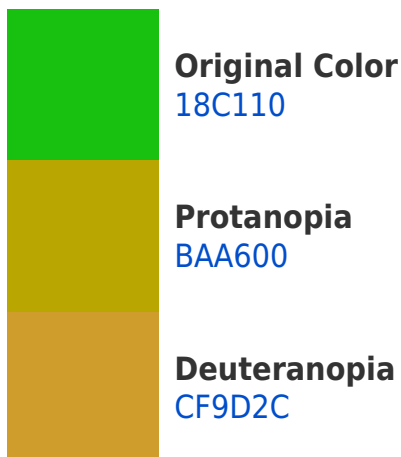


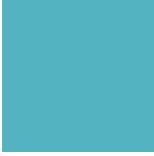
This preview shows how white text looks on a background with the Hex color 18C110.

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
53B3C2

Trichromacy



Original Color
18C110



Protanomaly
7FB006

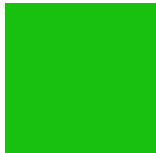


Deuteranomaly
8CAA22



Tritanomaly
3EB881

Monochromacy



Original Color
18C110



Achromatopsia
7A7A7A



Achromatomaly
569453

CSS Examples

Text

The CSS property to change the color of the text to Hex 18C110 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 #18C110 looks like.

```
.text, #text, p{  
    color:#18C110  
}
```

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 #18C110 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18C110
}
```

Border

The CSS property to change the border of an element to Hex 18C110 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
#18C110 }
```

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

```
.border{ border-color:#18C110 }
```

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

Here you see how a box with a 4 pixel #18C110 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18C110; -webkit-box-shadow:4px 4px  
4px 4px #18C110; box-shadow:4px 4px 4px  
4px #18C110 }
```

Background

The CSS property to change the background color of an element to Hex 18C110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18C110 }
```

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

```
.background{ background-color:#18C110 }
```

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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