

Converting Colors

Hex(168C00)

Have a look what the booklet for
Hex(168C00) contains.

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Color

Hex(168C00)

Conversions

Conversions Part 1

Format	Color
Hex	168C00
RGB	22, 140, 0
RGB Percent	9%, 55%, 0%
CMY	0.9137, 0.4510, 1.0000
CMYK	0.84, 0.00, 1.00, 0.45
HSL	111°, 100%, 27%
HSV	111°, 100%, 55%
XYZ	9.7090, 18.9267, 3.1415
YIQ	88.7580, -25.3880, -68.5560

Conversions

Conversions Part 2

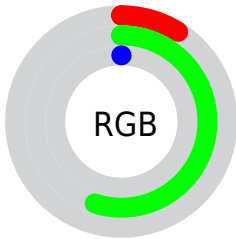
Format	Color
RYB	0, 140, 118
Decimal	1477632
CIELab	50.60, -53.34, 53.49
CIELCh	51, 75.542, 134.923
Yxy	18.9267, 0.3055, 0.5956
Android (android.graphics.Color)	4279667712 (0xFF168C00)
YUV	88.7580, -43.7577, -58.5468
Hunter-Lab	43.5049, -36.2978, 26.1720

Details

The Hex color **168C00** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **76008C**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **5CC343**, and **005800** is the 20% darker color. If you saturate the color by 10%, you get **168C00**, and if you desaturate by 10%, it is **228C0E**.

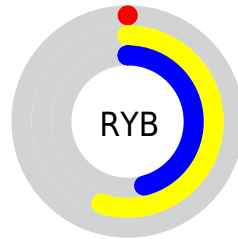
Distribution



Red (9%)

Green (55%)

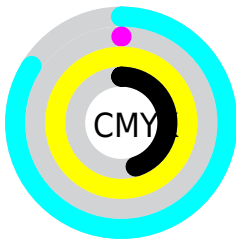
Blue (0%)



Red (0%)

Yellow (55%)

Blue (46%)

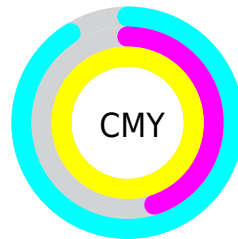


Cyan (84%)

Magenta (0%)

Yellow (100%)

Black (45%)



Cyan (91%)

Magenta (45%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 168C00 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 168C00 by changing the saturation by 10% instead.

 168C00

 168C00

FFFFFF

 007200

 5CC343

 005800

 7ADF5D

 004000

 97FC78

 002900

 B4FF93

 000400

 D1FFAF

 000000

 EFFFEB

 FFFFEB

 168C00

 228C0E

 2E8C1C

 398C2A

 458C38

 518C46

 5D8C54

 698C62

 748C70

 808C7E

Harmonies

Analogous

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



758000



168C00



009254

Triad

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



168C00



0089F6



E7225C

Complementary

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



168C00



76008C

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.



D92C9C



168C00



0076F7

Square

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



168C00



0092D3



A155D5



D5481C

Rectangle

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



168C00



009482



A155D5



E61C71

Sweetspot

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



168C00



87B57F



8C7500



405C3B



DBDBDB



5C5C5C

Same Dimension

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



168C00



1CB500



008C2F



3F453E



158500



010500

Inverse Universe

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



76008C



9900B5



8C005D



443E45



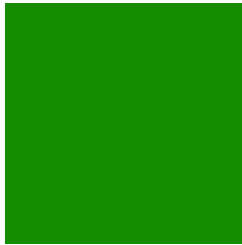
700085



040005

Previews

White Background



This preview shows how the Hex color 168C00 looks on a white background.

Color Contrast Check

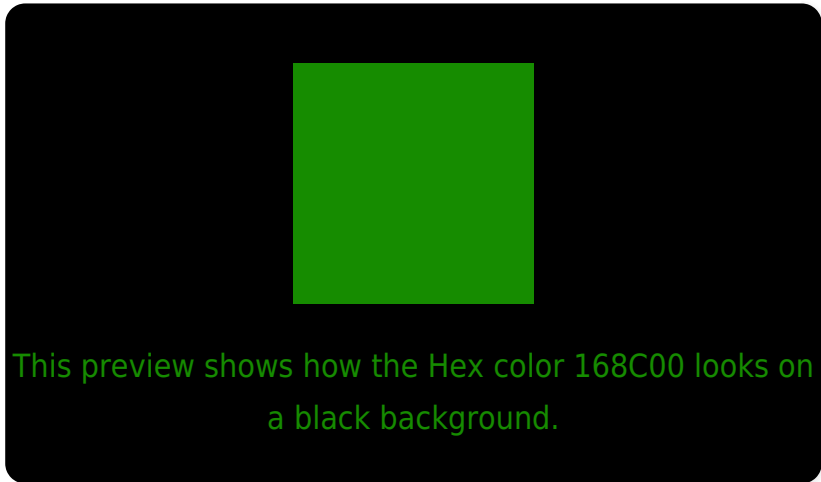
Large Text (above 18pt) WCAG AA ✓ Pass

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

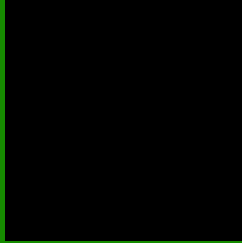
Any Text WCAG AA ✓ Pass

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 168C00 Background



This preview shows how black text looks on a background with the Hex color 168C00.



This preview shows how white text looks on a background with the Hex color 168C00.

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
168C00

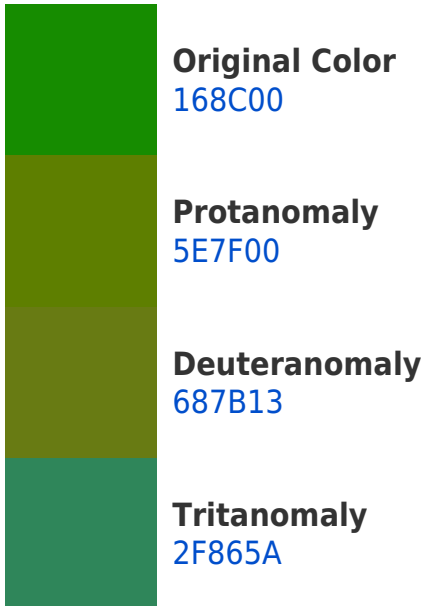
Protanopia
877800

Deuteranopia
97721E

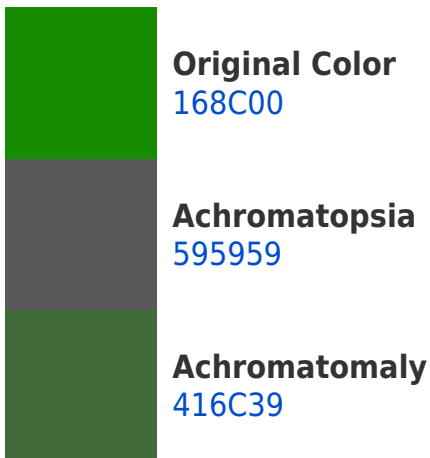


Tritanopia
3E828D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 168C00 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 #168C00 looks like.

```
.text, #text, p{  
    color:#168C00  
}
```

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 #168C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #168C00  
}
```

Border

The CSS property to change the border of an element to Hex 168C00 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  
#168C00 }
```

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

```
.border{ border-color:#168C00 }
```

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

Here you see how a box with a 4 pixel #168C00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #168C00; -webkit-box-shadow:4px 4px  
4px 4px #168C00; box-shadow:4px 4px 4px  
4px #168C00 }
```

Background

The CSS property to change the background color of an element to Hex 168C00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#168C00 }
```

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

```
.background{ background-color:#168C00 }
```

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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