

Converting Colors

Hex(168222)

Have a look what the booklet for
Hex(168222) contains.

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Color

Hex(168222)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 168222 |
| RGB | 22, 130, 34 |
| RGB Percent | 9%, 51%, 13% |
| CMY | 0.9137, 0.4902, 0.8667 |
| CMYK | 0.83, 0.00, 0.74, 0.49 |
| HSL | 127°, 71%, 30% |
| HSV | 127°, 83%, 51% |
| XYZ | 8.6022, 16.2513, 4.1968 |
| YIQ | 86.7640, -33.5520, -52.7520 |

Conversions

Conversions Part 2

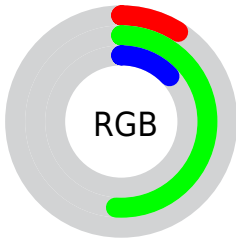
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 22, 119, 130 |
| Decimal | 1475106 |
| CIE Lab | 47.30, -48.37, 41.58 |
| CIE LCh | 47, 63.785, 139.313 |
| Yxy | 16.2513, 0.2961, 0.5594 |
| Android (android.graphics.Color) | 4279665186 (0xFF168222) |
| YUV | 86.7640, -26.0127, -56.7980 |
| Hunter-Lab | 40.3129, -32.4581, 22.0466 |

Details

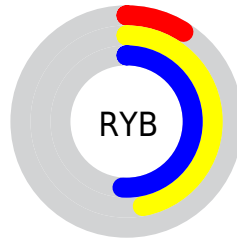
The Hex color **168222** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **821676**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **58B855**, and **004F00** is the 20% darker color. If you saturate the color by 10%, you get **098216**, and if you desaturate by 10%, it is **23822E**.

Distribution



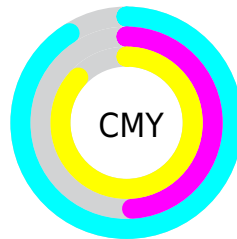
- Red (9%)
- Green (51%)
- Blue (13%)



- Red (9%)
- Yellow (47%)
- Blue (51%)



- Cyan (83%)
- Magenta (0%)
- Yellow (74%)
- Black (49%)



- Cyan (91%)
- Magenta (49%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 168222 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 168222 by changing the saturation by 10% instead.

 168222

 168222

FFFFFF

 006804

 58B855

 004F00

 74D46E

 003700

 91F189

 002100

 ADFFA4

 000000

 CAFFBF

 E8FFDB

 FFFFF8

 168222

 168222

■ 098216

■ 23822E

■ 00820E

■ 308239

■ 3D8245

■ 4A8250

■ 57825C

■ 648267

■ 718273

■ 7E827E

■ 8B828A

Harmonies

Analogous

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



677800



168222



00875A

Triad

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



168222



007CDA



CE3650

Complementary

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



168222



821676

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.



C53686



168222



3D6AD7

Square

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



168222



0085C1



9C50B7



BC4E1D

Rectangle

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



168222



008880



9C50B7



CE3262

Sweetspot

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



168222



7EA883



778216



3B543E



D4D4D4



545454

Same Dimension

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



168222



00A813



168257



39403A



00800E



000000

Inverse Universe

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



821676



A80096



821641



40393F



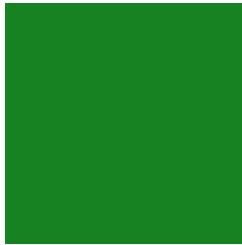
800071



000000

Previews

White Background



This preview shows how the Hex color 168222 looks on a white background.

Color Contrast Check

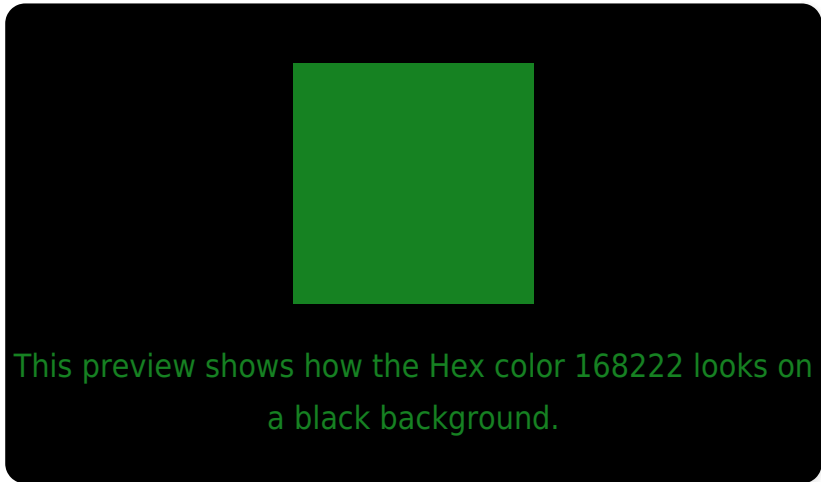
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 168222 Background



This preview shows how black text looks on a background with the Hex color 168222.



This preview shows how white text looks on a background with the Hex color 168222.

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
168222

Protanopia
7D701D

Deuteranopia
8B6A2B



Tritanopia
397983

Trichromacy



Original Color
168222



Protanomaly
58771F



Deuteranomaly
607328



Tritanomaly
2C7C60

Monochromacy



Original Color
168222



Achromatopsia
575757



Achromatomaly
3F6744

CSS Examples

Text

The CSS property to change the color of the text to Hex 168222 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 #168222 looks like.

```
.text, #text, p{  
    color:#168222  
}
```

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 #168222 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #168222
}
```

Border

The CSS property to change the border of an element to Hex 168222 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
#168222 }
```

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

```
.border{ border-color:#168222 }
```

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

Here you see how a box with a 4 pixel #168222 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #168222; -webkit-box-shadow:4px 4px  
4px 4px #168222; box-shadow:4px 4px 4px  
4px #168222 }
```

Background

The CSS property to change the background color of an element to Hex 168222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#168222 }
```

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

```
.background{ background-color:#168222 }
```

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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