

Converting Colors

Hex(168C42)

Have a look what the booklet for
Hex(168C42) contains.

Hex(168C42)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(168C42)

Conversions

Conversions Part 1

Format	Color
Hex	168C42
RGB	22, 140, 66
RGB Percent	9%, 55%, 26%
CMY	0.9137, 0.4510, 0.7412
CMYK	0.84, 0.00, 0.53, 0.45
HSL	142°, 73%, 32%
HSV	142°, 84%, 55%
XYZ	10.6923, 19.3201, 8.3199
YIQ	96.2820, -46.5740, -48.0300

Conversions

Conversions Part 2

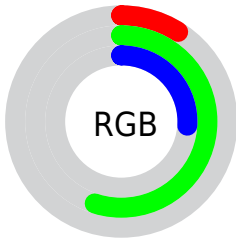
Format	Color
R_{YB}	22, 108, 140
Decimal	1477698
CIE _{Lab}	51.06, -47.68, 30.75
CIE _{LCh}	51, 56.737, 147.181
Yxy	19.3201, 0.2789, 0.5040
Android (android.graphics.Color)	4279667778 (0xFF168C42)
YUV	96.2820, -14.9290, -65.1453
Hunter-Lab	43.9546, -33.4990, 19.5456

Details

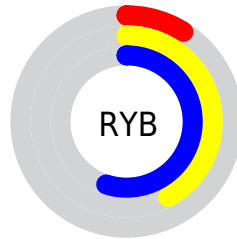
The Hex color **168C42** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8C1660**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **59C374**, and **005813** is the 20% darker color. If you saturate the color by 10%, you get **088C39**, and if you desaturate by 10%, it is **248C4B**.

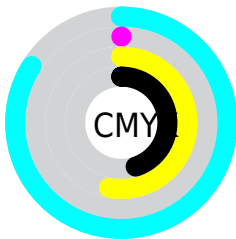
Distribution



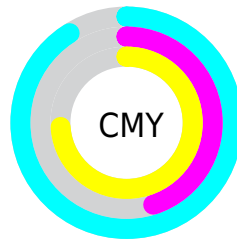
- Red (9%)
- Green (55%)
- Blue (26%)



- Red (9%)
- Yellow (42%)
- Blue (55%)



- Cyan (84%)
- Magenta (0%)
- Yellow (53%)
- Black (45%)



- Cyan (91%)
- Magenta (45%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 168C42 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 168C42 by changing the saturation by 10% instead.

 168C42

 168C42

FFFFFF

 00722A

 59C374

 005813

 76DF8E

 004000

 93FCA8

 002B00

 AFFFC4

 000700

 CCFFE0

 000000

 EAFFFD

 168C42

 168C42

 088C39

 248C4B

■ 008C34

■ 328C54

■ 408C5C

■ 4E8C65

■ 5C8C6E

■ 6A8C77

■ 788C7F

■ 868C88

■ 948C91

Harmonies

Analogous

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



668416



168C42



009073

Triad

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



168C42



0081DB



CE4F50

Complementary

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



168C42



8C1660

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.



CD4980



168C42



706FD0

Square

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



168C42



008BCB



AF59AF



B96226

Rectangle

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



168C42



009095



AF59AF



D04B60

Sweetspot

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



168C42



88B599



618C16



405C4B



DBDBDB



5C5C5C

Same Dimension

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



168C42



00B544



168C7C



3E4541



008531



000502

Inverse Universe

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



8C1660



B50072



8C1626



453E42



850053



050003

Previews

White Background



This preview shows how the Hex color 168C42 looks on a white background.

Color Contrast Check

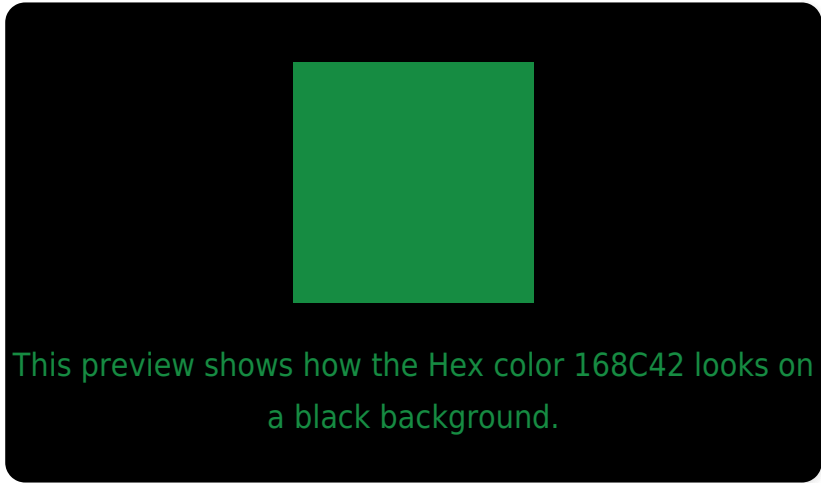
Large Text (above 18pt) WCAG AA ✓ Pass

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 168C42 Background



This preview shows how black text looks on a background with the Hex color 168C42.



This preview shows how white text looks on a background with the Hex color 168C42.

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
168C42

Protanopia
86793C

Deuteranopia
937348



Tritanopia
3A848E

Trichromacy



Original Color
168C42



Protanomaly
5D803E



Deuteranomaly
667C46



Tritanomaly
2D8772

Monochromacy



Original Color
168C42



Achromatopsia
606060



Achromatomaly
457055

CSS Examples

Text

The CSS property to change the color of the text to Hex 168C42 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 #168C42 looks like.

```
.text, #text, p{  
    color:#168C42  
}
```

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 #168C42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #168C42
}
```

Border

The CSS property to change the border of an element to Hex 168C42 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
#168C42 }
```

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

```
.border{ border-color:#168C42 }
```

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

Here you see how a box with a 4 pixel #168C42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #168C42; -webkit-box-shadow:4px 4px  
4px 4px #168C42; box-shadow:4px 4px 4px  
4px #168C42 }
```

Background

The CSS property to change the background color of an element to Hex 168C42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#168C42 }
```

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

```
.background{ background-color:#168C42 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor