

Converting Colors

Hex(168F92)

Have a look what the booklet for
Hex(168F92) contains.

Hex(168F92)	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(168F92)

Conversions

Conversions Part 1

Format	Color
Hex	168F92
RGB	22, 143, 146
RGB Percent	9%, 56%, 57%
CMY	0.9137, 0.4392, 0.4275
CMYK	0.85, 0.02, 0.00, 0.43
HSL	181°, 74%, 33%
HSV	181°, 85%, 57%
XYZ	15.3416, 21.8908, 30.6109
YIQ	107.1630, -73.0790, -24.7190

Conversions

Conversions Part 2

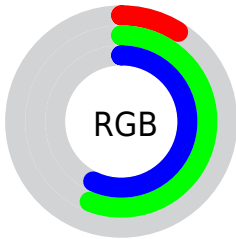
Format	Color
R_{YB}	22, 83, 146
Decimal	1478546
CIE _{Lab}	53.91, -29.10, -10.48
CIE _{LCh}	54, 30.933, 199.809
Yxy	21.8908, 0.2261, 0.3227
Android (android.graphics.Color)	4279668626 (0xFF168F92)
YUV	107.1630, 19.1466, -74.6880
Hunter-Lab	46.7876, -23.3483, -6.0393

Details

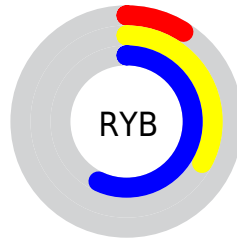
The Hex color **168F92** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **921916**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **5EC5C8**, and **005C60** is the 20% darker color. If you saturate the color by 10%, you get **078F92**, and if you desaturate by 10%, it is **258F92**.

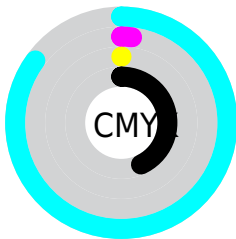
Distribution



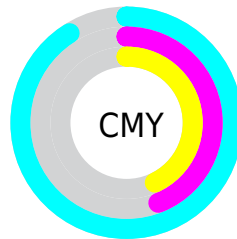
- Red (9%)
- Green (56%)
- Blue (57%)



- Red (9%)
- Yellow (33%)
- Blue (57%)



- Cyan (85%)
- Magenta (2%)
- Yellow (0%)
- Black (43%)



- Cyan (91%)
- Magenta (44%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 168F92 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 168F92 by changing the saturation by 10% instead.

 168F92

 168F92

FFFFFF

 007578

 5EC5C8

 005C60

 7BE1E4

 004448

 98FEFF

 002D31

 B6FFFF

 00171D

 D3FFFF

 000000

 F1FFFF

 168F92

 168F92

 078F92

 258F92

■ 008E92

■ 339092

■ 429092

■ 509092

■ 5F9192

■ 6E9192

■ 7C9192

■ 8B9292

■ 999292

Harmonies

Analogous

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



3F8F77



168F92



188CA9

Triad

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



168F92



9A74A4



9B7C4C

Complementary

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



168F92



921916

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.



AD7359



168F92



AF6D8B

Square

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



168F92



777DB3



B56D70



81854E

Rectangle

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



168F92



3989B2



B56D70



A2794F

Sweetspot

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



168F92



8EBCBD



169218



425E5E



DEDEDE



5E5E5E

Same Dimension

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



168F92



00B8BD



165292



434A4A



00868A



000A0A

Inverse Universe

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



92168F



BD00B8



925616



4A434A



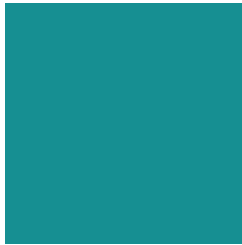
8A0086



0A000A

Previews

White Background



This preview shows how the Hex color 168F92 looks on a white background.

Color Contrast Check

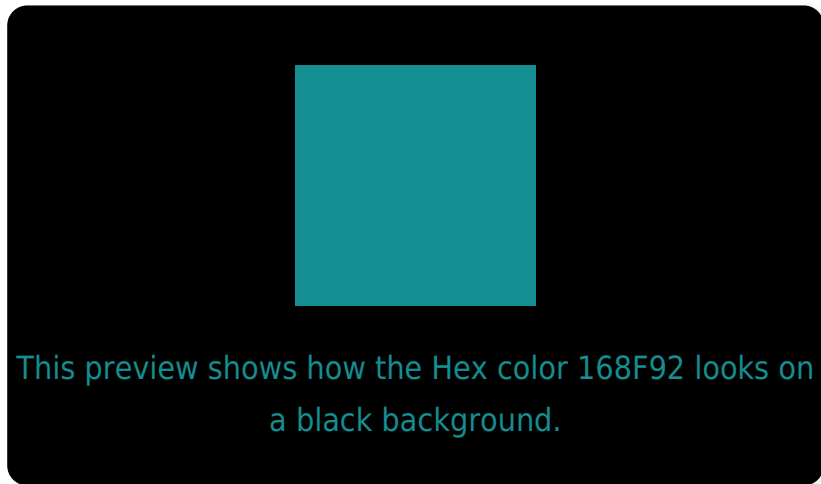
Large Text (above 18pt) WCAG AA ✓ Pass

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

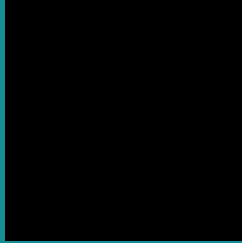
Any Text WCAG AA ✓ Pass

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 168F92 Background



This preview shows how black text looks on a background with the Hex color 168F92.

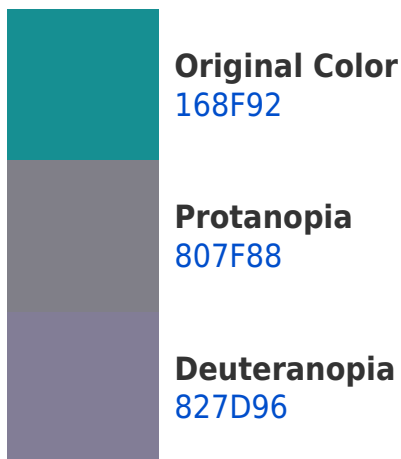


This preview shows how white text looks on a background with the Hex color 168F92.

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
1F8E99

Trichromacy



Original Color
168F92



Protanomaly
59858C



Deuteranomaly
5B8495



Tritanomaly
1C8E96

Monochromacy



Original Color
168F92



Achromatopsia
6B6B6B



Achromatomaly
4C7879

CSS Examples

Text

The CSS property to change the color of the text to Hex 168F92 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 #168F92 looks like.

```
.text, #text, p{  
    color:#168F92  
}
```

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 #168F92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #168F92
}
```

Border

The CSS property to change the border of an element to Hex 168F92 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
#168F92 }
```

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

```
.border{ border-color:#168F92 }
```

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

Here you see how a box with a 4 pixel #168F92 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #168F92; -webkit-box-shadow:4px 4px  
4px 4px #168F92; box-shadow:4px 4px 4px  
4px #168F92 }
```

Background

The CSS property to change the background color of an element to Hex 168F92 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#168F92 }
```

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

```
.background{ background-color:#168F92 }
```

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