

Converting Colors

Hex(168FD7)

Have a look what the booklet for
Hex(168FD7) contains.

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Color

Hex(168FD7)

Conversions

Conversions Part 1

Format	Color
Hex	168FD7
RGB	22, 143, 215
RGB Percent	9%, 56%, 84%
CMY	0.9137, 0.4392, 0.1569
CMYK	0.90, 0.33, 0.00, 0.16
HSL	202°, 81%, 46%
HSV	202°, 90%, 84%
XYZ	22.4191, 24.7218, 67.8802
YIQ	115.0290, -95.2280, -3.2600

Conversions

Conversions Part 2

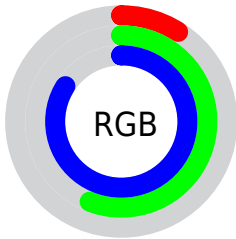
Format	Color
R _Y B	22, 96, 215
Decimal	1478615
CIE Lab	56.80, -4.88, -45.33
CIE LCh	57, 45.592, 263.861
Yxy	24.7218, 0.1949, 0.2149
Android (android.graphics.Color)	4279668695 (0xFF168FD7)
YUV	115.0290, 49.2857, -81.5864
Hunter-Lab	49.7210, -6.5266, -46.1392

Details

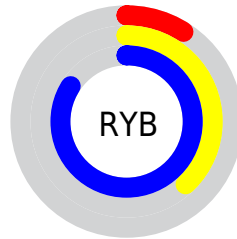
The Hex color **168FD7** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **D75E16**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **6AC4FF**, and **005DA0** is the 20% darker color. If you saturate the color by 10%, you get **0187D7**, and if you desaturate by 10%, it is **2C97D7**.

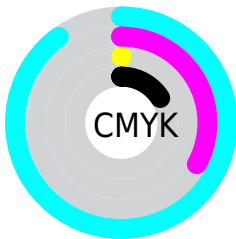
Distribution



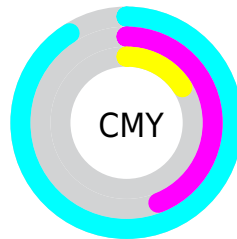
- Red (9%)
- Green (56%)
- Blue (84%)



- Red (9%)
- Yellow (38%)
- Blue (84%)



- Cyan (90%)
- Magenta (33%)
- Yellow (0%)
- Black (16%)



- Cyan (91%)
- Magenta (44%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 168FD7 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 168FD7 by changing the saturation by 10% instead.

 168FD7

 168FD7

FFFFFF

 0076BB

 6AC4FF

 005DA0

 8AE0FF

 004685

 A9FDFF


 00306C

 C8FFFF

 001C53

 E7FFFF

 00063B

 000225

 00010D

 000000

■ 168FD7

■ 168FD7

■ 0187D7

■ 2C97D7

■ 0087D7

■ 419FD7

■ 57A7D7

■ 6CAFD7

■ 82B7D7

■ 97BFD7

■ ADC7D7

■ C2CFD7

■ D8D7D7

Harmonies

Analogous

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



0098C8



168FD7



7D81D1

Triad

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



168FD7



D2686A



4F9858

Complementary

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



168FD7



D75E16

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.



80903C



168FD7



C37549

Square

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



168FD7



CD6792



A68336



009C7E

Rectangle

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



168FD7



A376C2



A68336



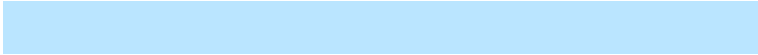
61954D

Sweetspot

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



168FD7



BAE5FF



16D75D



577080



000000



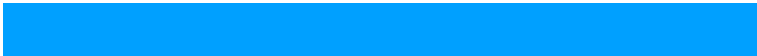
808080

Same Dimension

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



168FD7



00A0FF



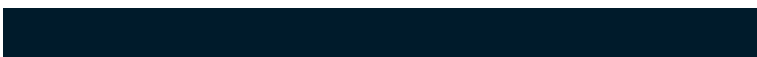
1630D7



60676B



006BAB



001B2B

Inverse Universe

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



D7168F



FF00A0



D7BD16



6B6067



AB006B



2B001B

Previews

White Background



This preview shows how the Hex color 168FD7 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



This preview shows how the Hex color 168FD7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

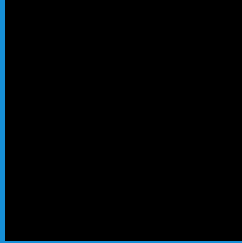
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

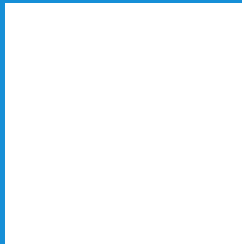
Any Text WCAG AAA × Fail

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

Hex 168FD7 Background



This preview shows how black text looks on a background with the Hex color 168FD7.



This preview shows how white text looks on a background with the Hex color 168FD7.

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



Trichromacy



Original Color
168FD7

Protanomaly
4D89D1

Deuteranomaly
408BD8

Monochromacy



Original Color
168FD7

Achromatopsia
737373

Achromatomaly
517D97

CSS Examples

Text

The CSS property to change the color of the text to Hex 168FD7 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 #168FD7 looks like.

```
.text, #text, p{  
    color:#168FD7  
}
```

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 #168FD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #168FD7
}
```

Border

The CSS property to change the border of an element to Hex 168FD7 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
#168FD7 }
```

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

```
.border{ border-color:#168FD7 }
```

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

Here you see how a box with a 4 pixel #168FD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #168FD7; -webkit-box-shadow:4px 4px  
4px 4px #168FD7; box-shadow:4px 4px 4px  
4px #168FD7 }
```

Background

The CSS property to change the background color of an element to Hex 168FD7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#168FD7 }
```

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

```
.background{ background-color:#168FD7 }
```

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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