

Converting Colors

Hex(1087FF)

Have a look what the booklet for
Hex(1087FF) contains.

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Color

Hex(1087FF)

Conversions

Conversions Part 1

Format	Color
Hex	1087FF
RGB	16, 135, 255
RGB Percent	6%, 53%, 100%
CMY	0.9373, 0.4706, 0.0000
CMYK	0.94, 0.47, 0.00, 0.00
HSL	210°, 100%, 53%
HSV	210°, 94%, 100%
XYZ	26.9277, 24.6581, 97.9480
YIQ	113.0990, -109.4440, 12.0920

Conversions

Conversions Part 2

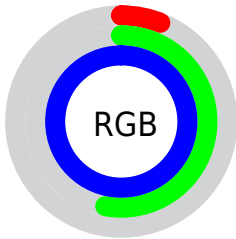
Format	Color
R _Y B	16, 95, 255
Decimal	1083391
CIE Lab	56.74, 14.85, -67.65
CIE LCh	57, 69.263, 282.382
Yxy	24.6581, 0.1801, 0.1649
Android (android.graphics.Color)	4279273471 (0xFF1087FF)
YUV	113.0990, 69.9572, -85.1558
Hunter-Lab	49.6569, 9.8963, -82.1893

Details

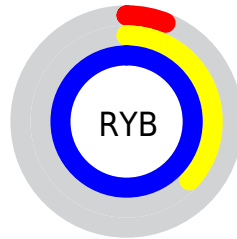
The Hex color **1087FF** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **FF8810**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **73BCFF**, and **0056C5** is the 20% darker color. If you saturate the color by 10%, you get **007FFF**, and if you desaturate by 10%, it is **2A94FF**.

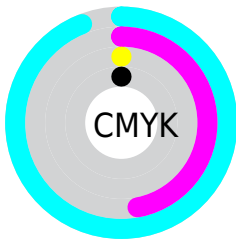
Distribution



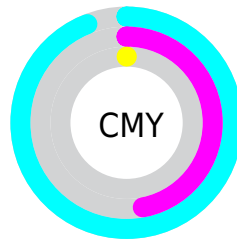
- Red (6%)
- Green (53%)
- Blue (100%)



- Red (6%)
- Yellow (37%)
- Blue (100%)



- Cyan (94%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)



- Cyan (94%)
- Magenta (47%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1087FF 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 1087FF by changing the saturation by 10% instead.

 1087FF

 1087FF

FFFFFF

 006EE2

 73BCFF

 0056C5

 95D7FF

 0040AA

 B5F3FF

 002C8E

 D5FFFF

 001A74

 F5FFFF

 000D5B

 000742

 00032B

 000115

 1087FF

 1087FF

 007FFF

 2A94FF

 43A1FF

 5DADFF

 76BAFF

 90C7FF

 A9D4FF

 C3E1FF

 DCEDFF

 F6FAFF

Harmonies

Analogous

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



0099FC



1087FF



A96CE2

Triad

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



1087FF



E55C39



00A161

Complementary

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



1087FF



FF8810

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.



469A23



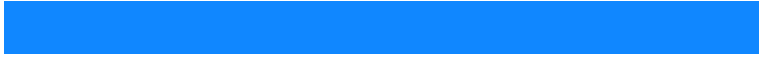
1087FF



C07800

Square

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



1087FF



F34672



8D8D00



00A3A0

Rectangle

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



1087FF



D357C1



8D8D00



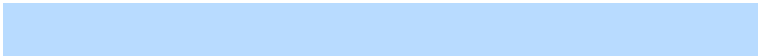
009F4D

Sweetspot

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



1087FF



B8DBFF



10FF88



546A80



000000



808080

Same Dimension

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



1087FF



007FFF



1010FF



737980



005FBF



002040

Inverse Universe

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



FF1087



FF007F



FFFF10



807379



BF005F



400020

Previews

White Background



This preview shows how the Hex color 1087FF looks on a white background.

Color Contrast Check

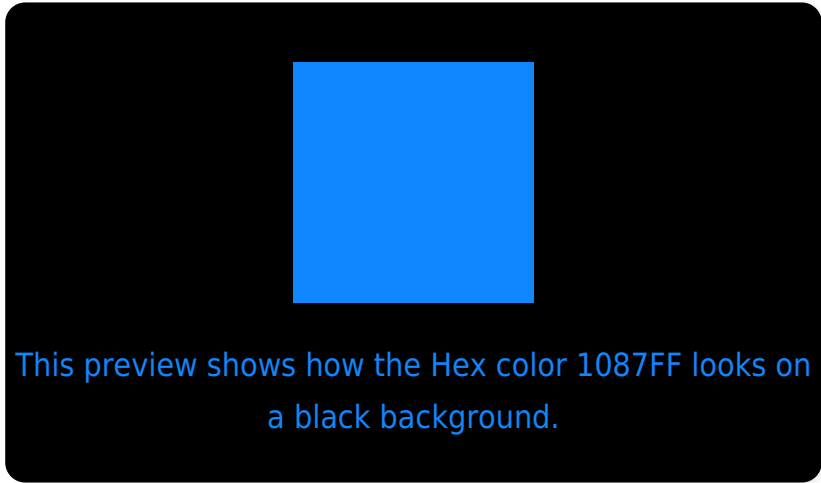
Large Text (above 18pt) WCAG AA ✓ Pass

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

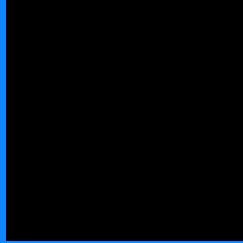
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

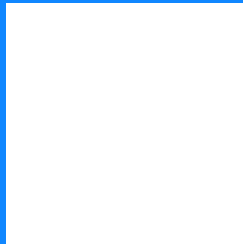
Any Text WCAG AAA × Fail

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

Hex 1087FF Background



This preview shows how black text looks on a background with the Hex color 1087FF.

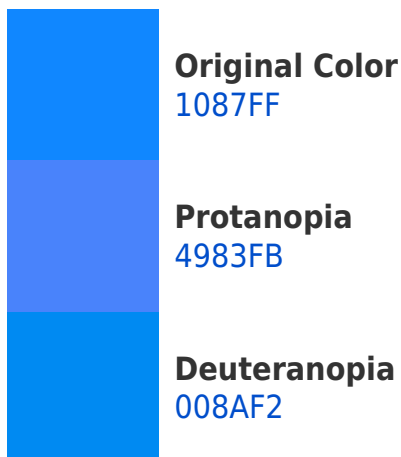


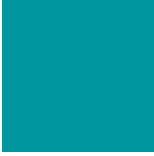
This preview shows how white text looks on a background with the Hex color 1087FF.

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](#).

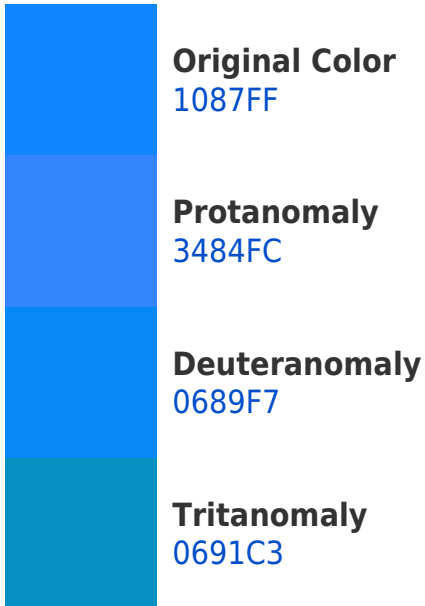
Dichromacy



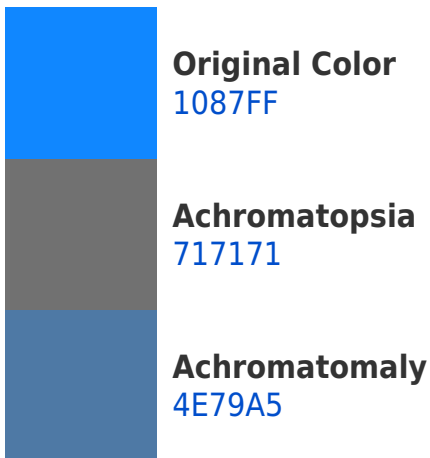


Tritanopia
0096A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1087FF 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 #1087FF looks like.

```
.text, #text, p{  
    color:#1087FF  
}
```

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 #1087FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1087FF
}
```

Border

The CSS property to change the border of an element to Hex 1087FF 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
#1087FF }
```

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

```
.border{ border-color:#1087FF }
```

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

Here you see how a box with a 4 pixel #1087FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1087FF; -webkit-box-shadow:4px 4px  
4px 4px #1087FF; box-shadow:4px 4px 4px  
4px #1087FF }
```

Background

The CSS property to change the background color of an element to Hex 1087FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1087FF }
```

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

```
.background{ background-color:#1087FF }
```

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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