

Converting Colors

Hex(4C86FF)

Have a look what the booklet for
Hex(4C86FF) contains.

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Color

Hex(4C86FF)

Conversions

Conversions Part 1

Format	Color
Hex	4C86FF
RGB	76, 134, 255
RGB Percent	30%, 53%, 100%
CMY	0.7020, 0.4745, 0.0000
CMYK	0.70, 0.47, 0.00, 0.00
HSL	221°, 100%, 65%
HSV	221°, 70%, 100%
XYZ	29.5556, 25.8067, 98.0312
YIQ	130.4520, -73.4090, 25.3350

Conversions

Conversions Part 2

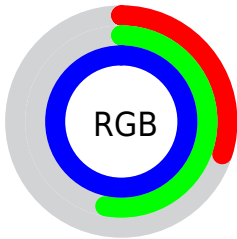
Format	Color
R_{YB}	76, 120, 255
Decimal	5015295
CIE _{Lab}	57.85, 20.41, -65.79
CIE _{LCh}	58, 68.882, 287.236
Yxy	25.8067, 0.1927, 0.1682
Android (android.graphics.Color)	4283205375 (0xFF4C86FF)
YUV	130.4520, 61.4022, -47.7544
Hunter-Lab	50.8003, 14.9507, -78.8539

Details

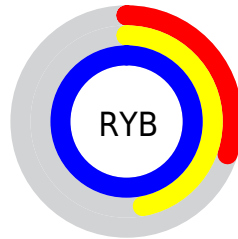
The Hex color **4C86FF** is a light color, and the websafe version is hex **6699FF**. The color can be described as light washed azure. A complement of this color would be **FFC54C**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **8FBFFF**, and **0055C5** is the 20% darker color. If you saturate the color by 10%, you get **3375FF**, and if you desaturate by 10%, it is **6697FF**.

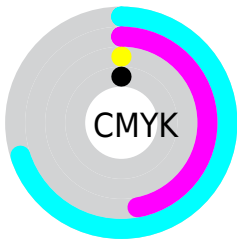
Distribution



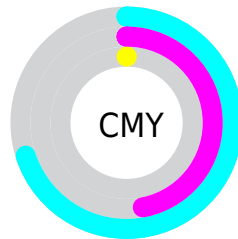
- Red (30%)
- Green (53%)
- Blue (100%)



- Red (30%)
- Yellow (47%)
- Blue (100%)



- Cyan (70%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)



- Cyan (70%)
- Magenta (47%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C86FF 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 4C86FF by changing the saturation by 10% instead.

 4C86FF

 4C86FF

FFFFFF

 1B6DE2

 8FBBFF

 0055C5

 AFD6FF

 003FAA

 CEF2FF

 002A8E

 EDFFFF

 001974

 00055B

 000742

 00032B

 000115

■ 4C86FF

■ 4C86FF

■ 3375FF

■ 6697FF

■ 1964FF

■ 7FA8FF

■ 0053FF

■ 99BAFF

■ B2CBFF

■ CCDCFF

■ E5EDFF

FFFFFF

Harmonies

Analogous

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



0099FF



4C86FF



B96ADE

Triad

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



4C86FF



E36433



00A56E

Complementary

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



4C86FF



FFC54C

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.



399F31



4C86FF



BC7F00

Square

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



4C86FF



F54D6B



869300



00A6AD

Rectangle

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



4C86FF



DE57BB



869300



00A35A

Sweetspot

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



4C86FF



C9DBFF



4CFFC3



606A80



000000



808080

Same Dimension

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



4C86FF



296EFF



6A4CFF



737780



003EBF



001540

Inverse Universe

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



FF4C86



FF296E



E1FF4C



807377



BF003E



400015

Previews

White Background



This preview shows how the Hex color 4C86FF looks on a white background.

Color Contrast Check

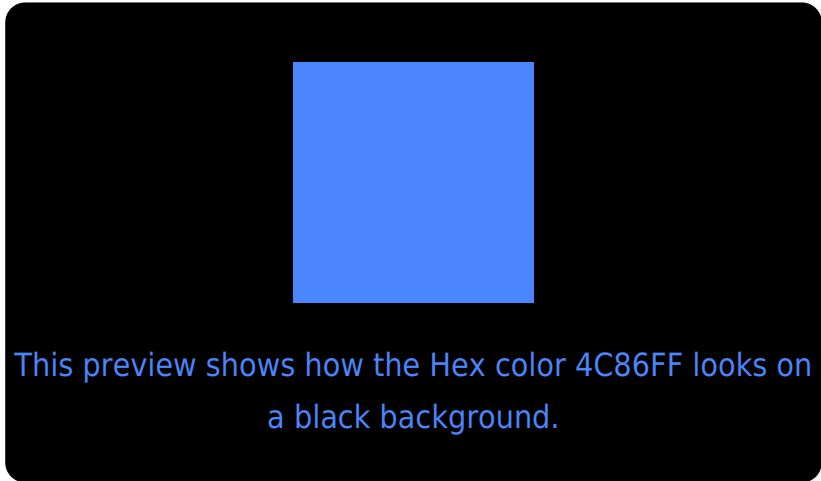
Large Text (above 18pt) WCAG AA ✓ Pass

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

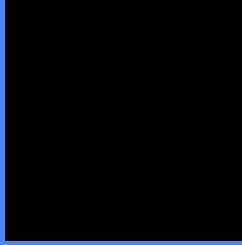
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

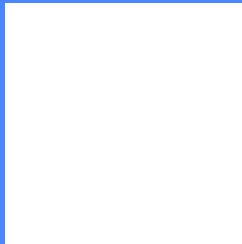
Any Text WCAG AAA × Fail

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

Hex 4C86FF Background



This preview shows how black text looks on a background with the Hex color 4C86FF.



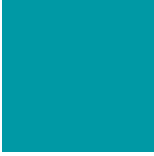
This preview shows how white text looks on a background with the Hex color 4C86FF.

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](#).

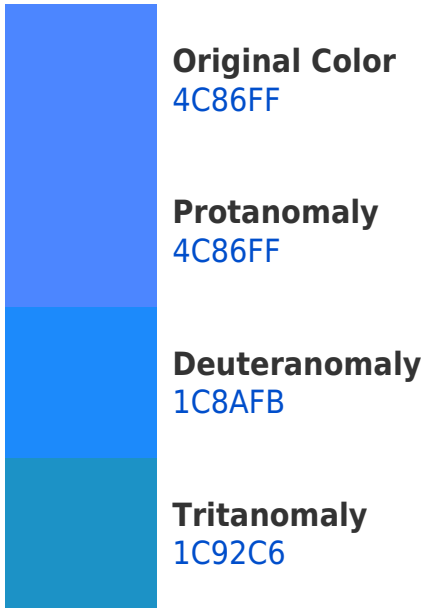
Dichromacy





Tritanopia
0099A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4C86FF 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 #4C86FF looks like.

```
.text, #text, p{  
    color:#4C86FF  
}
```

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 #4C86FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C86FF
}
```

Border

The CSS property to change the border of an element to Hex 4C86FF 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
#4C86FF }
```

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

```
.border{ border-color:#4C86FF }
```

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

Here you see how a box with a 4 pixel #4C86FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C86FF; -webkit-box-shadow:4px 4px  
4px 4px #4C86FF; box-shadow:4px 4px 4px  
4px #4C86FF }
```

Background

The CSS property to change the background color of an element to Hex 4C86FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C86FF }
```

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

```
.background{ background-color:#4C86FF }
```

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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