

Converting Colors

Hex(4D99FF)

Have a look what the booklet for
Hex(4D99FF) contains.

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Color

Hex(4D99FF)

Conversions

Conversions Part 1

Format	Color
Hex	4D99FF
RGB	77, 153, 255
RGB Percent	30%, 60%, 100%
CMY	0.6980, 0.4000, 0.0000
CMYK	0.70, 0.40, 0.00, 0.00
HSL	214°, 100%, 65%
HSV	214°, 70%, 100%
XYZ	32.5018, 31.5802, 98.9903
YIQ	141.9040, -78.0380, 15.6100

Conversions

Conversions Part 2

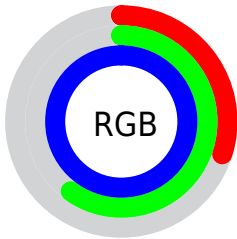
Format	Color
RYB	77, 130, 255
Decimal	5085695
CIELab	62.99, 9.15, -57.55
CIELCh	63, 58.275, 279.035
Yxy	31.5802, 0.1993, 0.1937
Android (android.graphics.Color)	4283275775 (0xFF4D99FF)
YUV	141.9040, 55.7563, -56.9208
Hunter-Lab	56.1963, 4.8941, -65.1025

Details

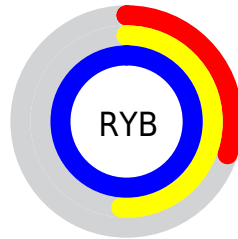
The Hex color **4D99FF** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **FFB34D**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **90CFFF**, and **0067C6** is the 20% darker color. If you saturate the color by 10%, you get **348AFF**, and if you desaturate by 10%, it is **67A8FF**.

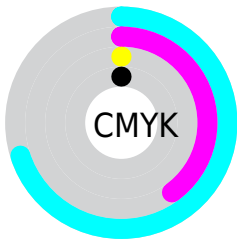
Distribution



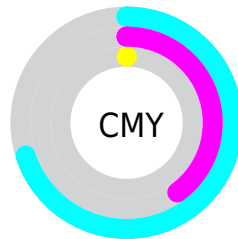
- Red (30%)
- Green (60%)
- Blue (100%)



- Red (30%)
- Yellow (51%)
- Blue (100%)



- Cyan (70%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)



- Cyan (70%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D99FF 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 4D99FF by changing the saturation by 10% instead.

 4D99FF

 4D99FF

FFFFFF

 1E7FE2

 90CFFF

 0067C6

 AFEBFF

 004FAA

 CEFFFF

 00398F

 EDFFFF

 002575

 00105B

 000743

 00032C

 000116

 4D99FF


 4D99FF

 348AFF

 67A8FF

 1A7CFF

 80B6FF

 016DFF

 9AC5FF

 006DFF

 B3D3FF

 CDE2FF

 E6F1FF

FFFFFF

Harmonies

Analogous

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



00A8F9



4D99FF



AF84E9

Triad

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



4D99FF



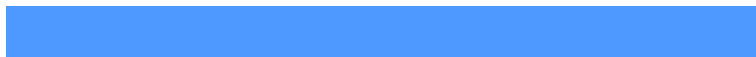
EF745A



00AF71

Complementary

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



4D99FF



FFB34D

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.



6DA843



4D99FF



D18834

Square

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



4D99FF



F7688B



A59B28



00B2A7

Rectangle

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



4D99FF



D676CF



A59B28



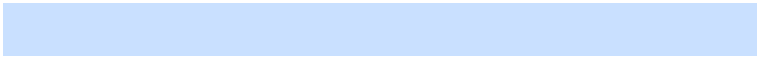
36AD61

Sweetspot

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



4D99FF



C9E0FF



4DFFB2



606D80



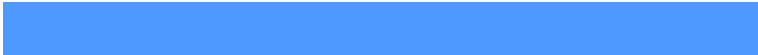
000000



808080

Same Dimension

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



4D99FF



2984FF



594DFF



737880



0052BF



001B40

Inverse Universe

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



FF4D99



FF2984



F3FF4D



807378



BF0052



40001B

Previews

White Background



This preview shows how the Hex color 4D99FF looks on a white background.

Color Contrast Check

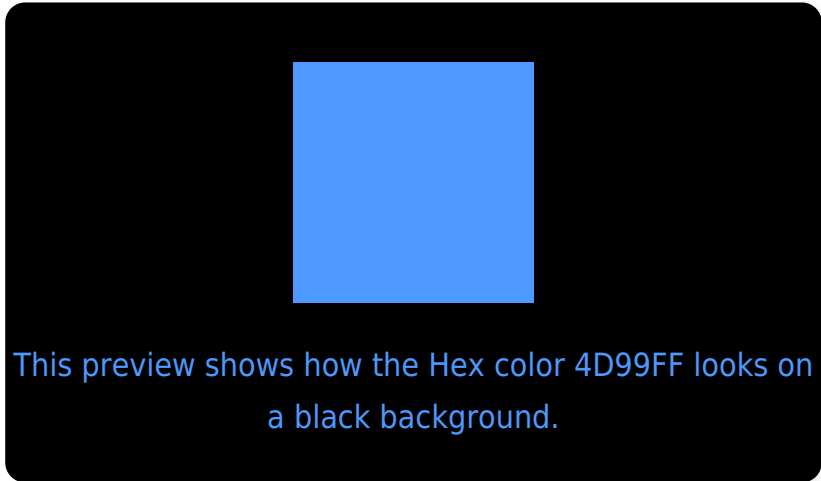
Large Text (above 18pt) WCAG AA × Fail

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

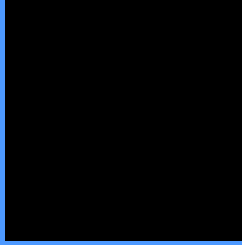
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

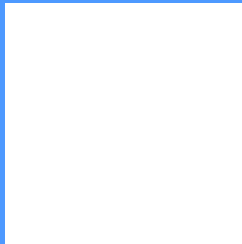
Any Text WCAG AAA ✓ Pass

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

Hex 4D99FF Background



This preview shows how black text looks on a background with the Hex color 4D99FF.



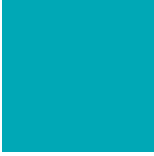
This preview shows how white text looks on a background with the Hex color 4D99FF.

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](#).

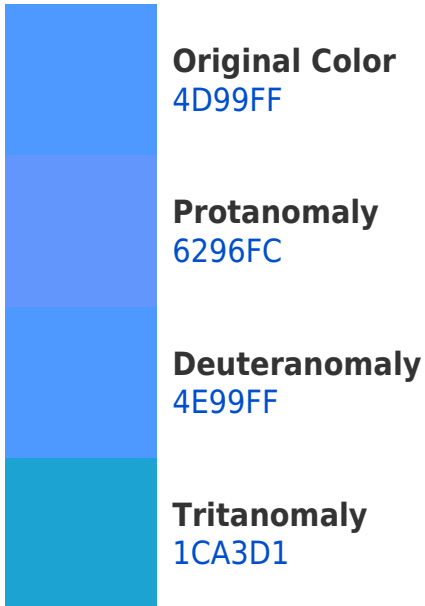
Dichromacy



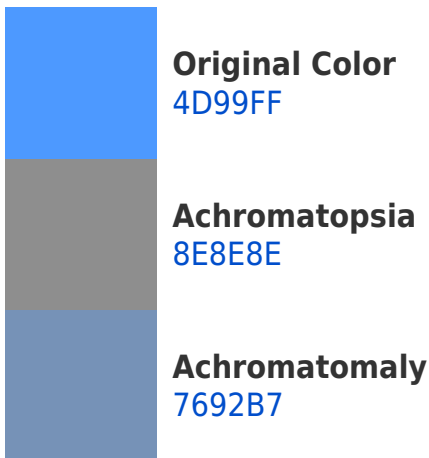


Tritanopia
00A8B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4D99FF 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 #4D99FF looks like.

```
.text, #text, p{  
    color:#4D99FF  
}
```

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 #4D99FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D99FF
}
```

Border

The CSS property to change the border of an element to Hex 4D99FF 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
#4D99FF }
```

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

```
.border{ border-color:#4D99FF }
```

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

Here you see how a box with a 4 pixel #4D99FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D99FF; -webkit-box-shadow:4px 4px  
4px 4px #4D99FF; box-shadow:4px 4px 4px  
4px #4D99FF }
```

Background

The CSS property to change the background color of an element to Hex 4D99FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D99FF }
```

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

```
.background{ background-color:#4D99FF }
```

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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