

Converting Colors

Hex(4E87FF)

Have a look what the booklet for
Hex(4E87FF) contains.

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Color

Hex(4E87FF)

Conversions

Conversions Part 1

Format	Color
Hex	4E87FF
RGB	78, 135, 255
RGB Percent	31%, 53%, 100%
CMY	0.6941, 0.4706, 0.0000
CMYK	0.69, 0.47, 0.00, 0.00
HSL	221°, 100%, 65%
HSV	221°, 69%, 100%
XYZ	29.8559, 26.1676, 98.0850
YIQ	131.6370, -72.4920, 25.2360

Conversions

Conversions Part 2

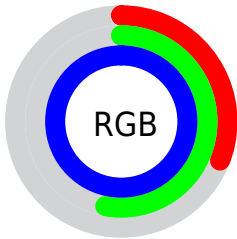
Format	Color
R _Y B	78, 121, 255
Decimal	5146623
CIE Lab	58.20, 20.08, -65.23
CIE LCh	58, 68.253, 287.107
Yxy	26.1676, 0.1937, 0.1698
Android (android.graphics.Color)	4283336703 (0xFF4E87FF)
YUV	131.6370, 60.8180, -47.0396
Hunter-Lab	51.1543, 14.6602, -77.8766

Details

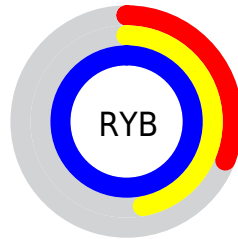
The Hex color **4E87FF** is a light color, and the websafe version is hex **6699FF**. The color can be described as light washed azure. A complement of this color would be **FFC64E**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **91BCFF**, and **0056C5** is the 20% darker color. If you saturate the color by 10%, you get **3576FF**, and if you desaturate by 10%, it is **6898FF**.

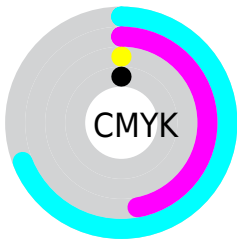
Distribution



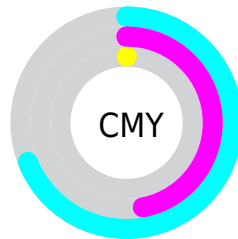
- Red (31%)
- Green (53%)
- Blue (100%)



- Red (31%)
- Yellow (47%)
- Blue (100%)



- Cyan (69%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)



- Cyan (69%)
- Magenta (47%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E87FF 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 4E87FF by changing the saturation by 10% instead.

 4E87FF

 4E87FF

FFFFFF

 206EE2

 91BCFF

 0056C5

 B0D7FF

 0040AA

 CFF4FF

 002B8E

 EEEFFF

 001974

 00045B

 000742

 00032B

 000115

 4E87FF

 4E87FF

 3576FF

 6898FF

 1B64FF

 81AAFF

 0253FF

 9BBBFF

 0052FF

 B4CCFF

 CEDDFF

 E7EFFF

FFFFFF

Harmonies

Analogous

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



009AFF



4E87FF



B96BDE

Triad

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



4E87FF



E46635



00A66F

Complementary

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



4E87FF



FFC64E

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.



3CA033



4E87FF



BD8000

Square

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



4E87FF



F64F6C



889300



00A7AD

Rectangle

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



4E87FF



DE59BC



889300



00A45B

Sweetspot

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



4E87FF



C9DBFF



4EFFC4



606A80



000000



808080

Same Dimension

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



4E87FF



2B70FF



6B4EFF



737780



003EBF



001540

Inverse Universe

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



FF4E87



FF2B70



E2FF4E



807377



BF003E



400015

Previews

White Background



This preview shows how the Hex color 4E87FF looks on a white background.

Color Contrast Check

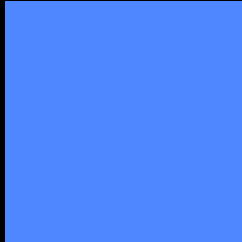
Large Text (above 18pt) WCAG AA ✓ Pass

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 4E87FF 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

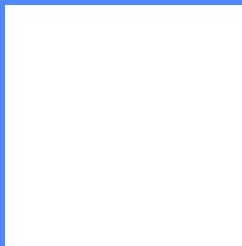
Any Text WCAG AAA × Fail

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

Hex 4E87FF Background



This preview shows how black text looks on a background with the Hex color 4E87FF.



This preview shows how white text looks on a background with the Hex color 4E87FF.

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](#).

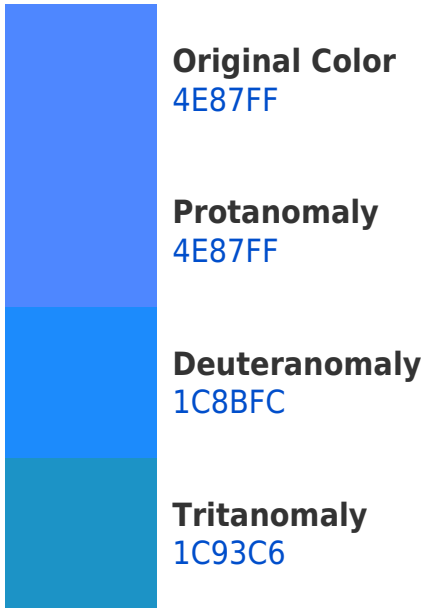
Dichromacy





Tritanopia
009AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4E87FF 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 #4E87FF looks like.

```
.text, #text, p{  
    color:#4E87FF  
}
```

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 #4E87FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E87FF
}
```

Border

The CSS property to change the border of an element to Hex 4E87FF 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
#4E87FF }
```

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

```
.border{ border-color:#4E87FF }
```

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

Here you see how a box with a 4 pixel #4E87FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E87FF; -webkit-box-shadow:4px 4px  
4px 4px #4E87FF; box-shadow:4px 4px 4px  
4px #4E87FF }
```

Background

The CSS property to change the background color of an element to Hex 4E87FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E87FF }
```

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

```
.background{ background-color:#4E87FF }
```

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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