

Converting Colors

Hex(4964ED)

Have a look what the booklet for
Hex(4964ED) contains.

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Color

Hex(4964ED)

Conversions

Conversions Part 1

Format	Color
Hex	4964ED
RGB	73, 100, 237
RGB Percent	29%, 39%, 93%
CMY	0.7137, 0.6078, 0.0706
CMYK	0.69, 0.58, 0.00, 0.07
HSL	230°, 82%, 61%
HSV	230°, 69%, 93%
XYZ	22.5909, 16.6452, 82.1429
YIQ	107.5450, -60.0690, 36.8830

Conversions

Conversions Part 2

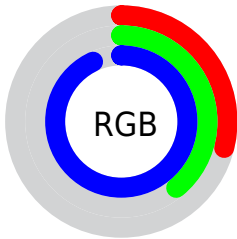
Format	Color
R_{YB}	73, 96, 237
Decimal	4809965
CIE _{Lab}	47.81, 34.68, -72.05
CIE _{LCh}	48, 79.961, 295.701
Yxy	16.6452, 0.1861, 0.1371
Android (android.graphics.Color)	4283000045 (0xFF4964ED)
YUV	107.5450, 63.8213, -30.2960
Hunter-Lab	40.7986, 27.4411, -90.8142

Details

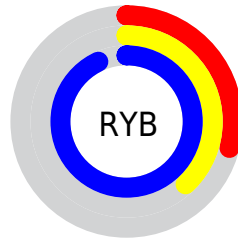
The Hex color **4964ED** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle muted azure. A complement of this color would be **EDD249**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **8C97FF**, and **0036B4** is the 20% darker color. If you saturate the color by 10%, you get **3150ED**, and if you desaturate by 10%, it is **6178ED**.

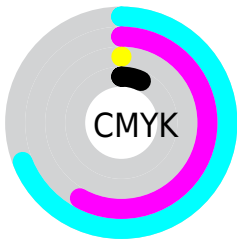
Distribution



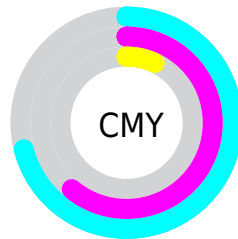
- Red (29%)
- Green (39%)
- Blue (93%)



- Red (29%)
- Yellow (38%)
- Blue (93%)



- Cyan (69%)
- Magenta (58%)
- Yellow (0%)
- Black (7%)



- Cyan (71%)
- Magenta (61%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4964ED 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 4964ED by changing the saturation by 10% instead.

■ 4964ED

■ 4964ED

FFFFFF

■ 194CD0

■ 8C97FF

■ 0036B4

■ ABB1FF

■ 002298

■ C9CDFF

■ 00107E

■ E8E9FF

■ 000064

■ 00094B

■ 000433

■ 00021D

■ 000000

■ 4964ED

■ 4964ED

■ 3150ED

■ 6178ED

■ 1A3CED

■ 788CED

■ 0229ED

■ 909FED

■ 0027ED

■ A8B3ED

■ C0C7ED

■ D7DBED

■ EFEFED

■ FFFFED

Harmonies

Analogous

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



007EFA



4964ED



B639BF

Triad

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



4964ED



C34B00



008C65

Complementary

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



4964ED



EDD249

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.



008818



4964ED



936C00

Square

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



4964ED



E0133C



517E00



008DAB

Rectangle

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



4964ED



D60695



517E00



008B4D

Sweetspot

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



4964ED



C9D2FF



49EDD2



606580



000000



808080

Same Dimension

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



4964ED



2B4EFF



8049ED



6A6C75



001EB5



000936

Inverse Universe

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



ED4964



FF2B4E



B6ED49



756A6C



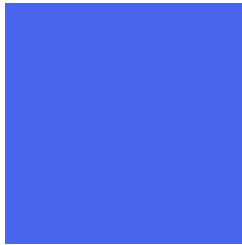
B5001E



360009

Previews

White Background



This preview shows how the Hex color 4964ED looks on a white background.

Color Contrast Check

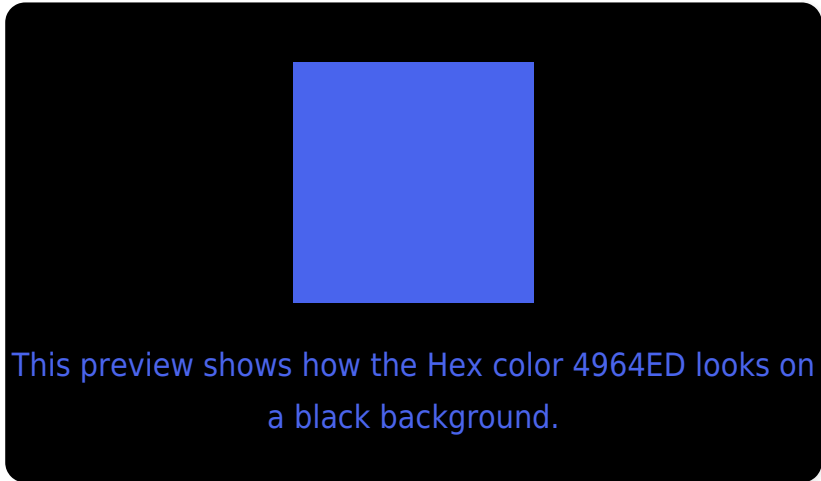
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

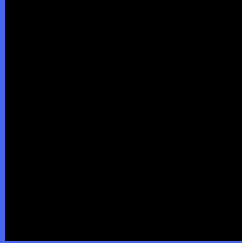
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 4964ED Background



This preview shows how black text looks on a background with the Hex color 4964ED.

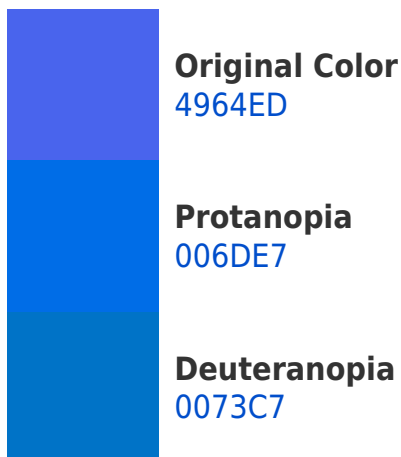


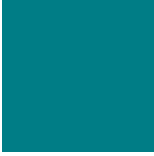
This preview shows how white text looks on a background with the Hex color 4964ED.

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](#).

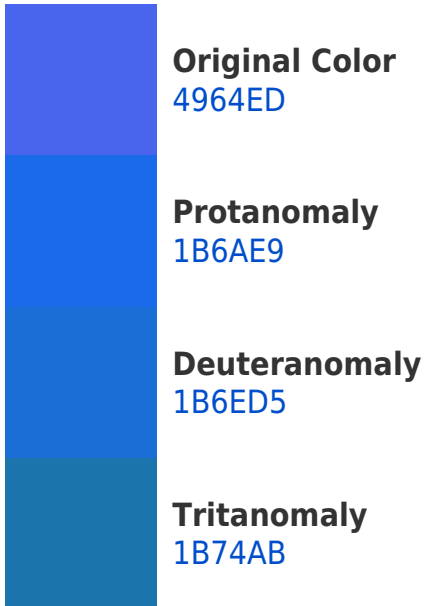
Dichromacy





Tritanopia
007D86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4964ED 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 #4964ED looks like.

```
.text, #text, p{  
    color:#4964ED  
}
```

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 #4964ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4964ED
}
```

Border

The CSS property to change the border of an element to Hex 4964ED 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
#4964ED }
```

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

```
.border{ border-color:#4964ED }
```

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

Here you see how a box with a 4 pixel #4964ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4964ED; -webkit-box-shadow:4px 4px  
4px 4px #4964ED; box-shadow:4px 4px 4px  
4px #4964ED }
```

Background

The CSS property to change the background color of an element to Hex 4964ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4964ED }
```

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

```
.background{ background-color:#4964ED }
```

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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