

Converting Colors

Hex(4944FF)

Have a look what the booklet for
Hex(4944FF) contains.

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Color

Hex(4944FF)

Conversions

Conversions Part 1

Format	Color
Hex	4944FF
RGB	73, 68, 255
RGB Percent	29%, 27%, 100%
CMY	0.7137, 0.7333, 0.0000
CMYK	0.71, 0.73, 0.00, 0.00
HSL	242°, 100%, 63%
HSV	242°, 73%, 100%
XYZ	22.8648, 12.7707, 95.8676
YIQ	90.8130, -57.0470, 59.2170

Conversions

Conversions Part 2

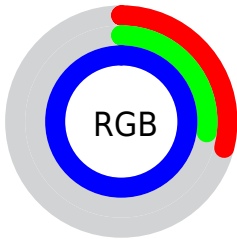
Format	Color
R_{YB}	73, 68, 255
Decimal	4801791
CIE _{Lab}	42.42, 59.17, -90.97
CIE _{LCh}	42, 108.526, 303.042
Yxy	12.7707, 0.1739, 0.0971
Android (android.graphics.Color)	4282991871 (0xFF4944FF)
YUV	90.8130, 80.9442, -15.6220
Hunter-Lab	35.7361, 51.6701, -134.0392

Details

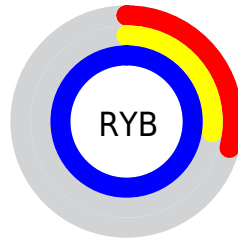
The Hex color **4944FF** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **FAFF44**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **9177FF**, and **0013C5** is the 20% darker color. If you saturate the color by 10%, you get **302AFF**, and if you desaturate by 10%, it is **625DFF**.

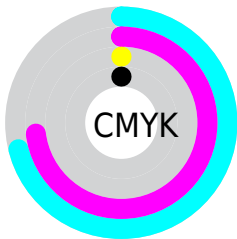
Distribution



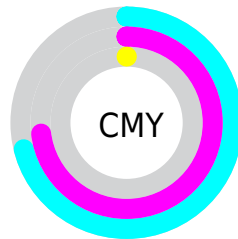
- Red (29%)
- Green (27%)
- Blue (100%)



- Red (29%)
- Yellow (27%)
- Blue (100%)



- Cyan (71%)
- Magenta (73%)
- Yellow (0%)
- Black (0%)



- Cyan (71%)
- Magenta (73%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4944FF 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 4944FF by changing the saturation by 10% instead.

 4944FF

 4944FF

FFFFFF

 052CE2

 9177FF

 0013C5

 B291FF

 0000A8

 D2ACFF

 00008D

 F2C8FF

 000172

 FFE4FF

 000D59

 000740

 000329

 000113

■ 4944FF

■ 4944FF

■ 302AFF

■ 625DFF

■ 1711FF

■ 7B77FF

■ 0700FF

■ 9391FF

■ ACAAFF

■ C5C3FF

■ DEDDFF

■ F7F6FF

FFFFFF

Harmonies

Analogous

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



0071FF



4944FF



CE00B8

Triad

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



4944FF



B73700



00826C

Complementary

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



4944FF



FAFF44

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.



007F00



4944FF



736500

Square

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



4944FF



E60004



007800



0084C6

Rectangle

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



4944FF



ED007D



007800



00814C

Sweetspot

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



4944FF



C8C7FF



44FCFF



5F5E80



000000



808080

Same Dimension

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



4944FF



251FFF



A544FF



737380



0500BF



020040

Inverse Universe

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



FF44FA



FF1FF9



9EFF44



80737F



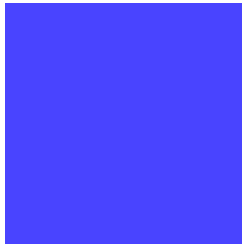
BF00BA



40003E

Previews

White Background



This preview shows how the Hex color 4944FF looks on a white background.

Color Contrast Check

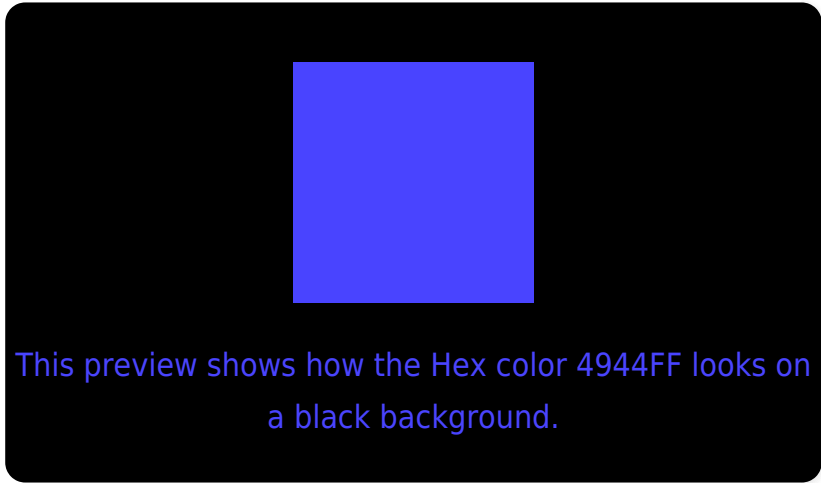
Large Text (above 18pt) WCAG AA ✓ Pass

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 4944FF Background



This preview shows how black text looks on a background with the Hex color 4944FF.

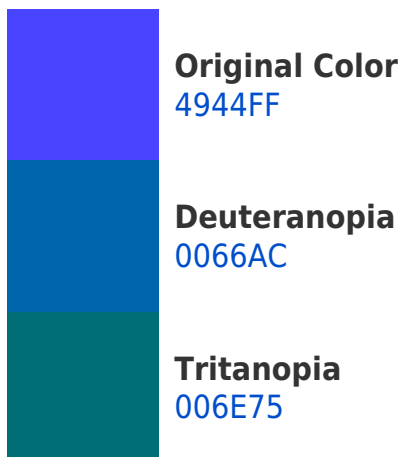


This preview shows how white text looks on a background with the Hex color 4944FF.

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



Trichromacy



Original Color
4944FF

Deuteranomaly
1B5ACA

Tritanomaly
1B5FA7

Monochromacy



Original Color
4944FF

Achromatopsia
5B5B5B

Achromatomaly
545397

CSS Examples

Text

The CSS property to change the color of the text to Hex 4944FF 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 #4944FF looks like.

```
.text, #text, p{  
    color:#4944FF  
}
```

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 #4944FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4944FF
}
```

Border

The CSS property to change the border of an element to Hex 4944FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

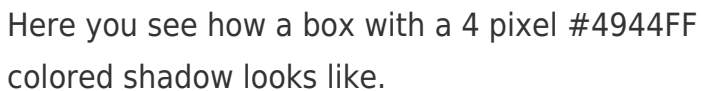
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4944FF }
```

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

```
.border{ border-color:#4944FF }
```

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



Here you see how a box with a 4 pixel #4944FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4944FF; -webkit-box-shadow:4px 4px  
4px 4px #4944FF; box-shadow:4px 4px 4px  
4px #4944FF }
```

Background

The CSS property to change the background color of an element to Hex 4944FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4944FF }
```

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

```
.background{ background-color:#4944FF }
```

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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