

Converting Colors

Hex(4555FF)

Have a look what the booklet for
Hex(4555FF) contains.

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Color

Hex(4555FF)

Conversions

Conversions Part 1

Format	Color
Hex	4555FF
RGB	69, 85, 255
RGB Percent	27%, 33%, 100%
CMY	0.7294, 0.6667, 0.0000
CMYK	0.73, 0.67, 0.00, 0.00
HSL	235°, 100%, 64%
HSV	235°, 73%, 100%
XYZ	23.7527, 14.9822, 96.2477
YIQ	99.5960, -64.1060, 49.4780

Conversions

Conversions Part 2

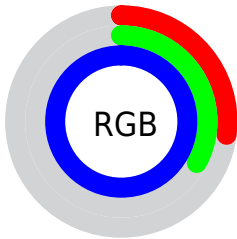
Format	Color
R _{YB}	69, 84, 255
Decimal	4543999
CIE _{Lab}	45.61, 49.38, -85.72
CIE _{LCh}	46, 98.926, 299.945
Yxy	14.9822, 0.1760, 0.1110
Android (android.graphics.Color)	4282734079 (0xFF4555FF)
YUV	99.5960, 76.6142, -26.8327
Hunter-Lab	38.7069, 41.8008, -120.3345

Details

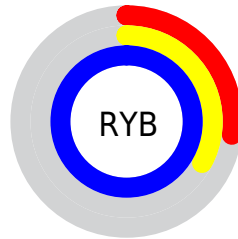
The Hex color **4555FF** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle washed blue. A complement of this color would be **FFEF45**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **8D87FF**, and **0027C5** is the 20% darker color. If you saturate the color by 10%, you get **2B3EFF**, and if you desaturate by 10%, it is **5E6CFF**.

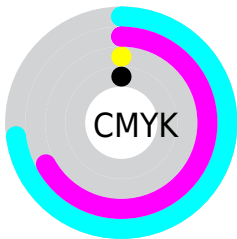
Distribution



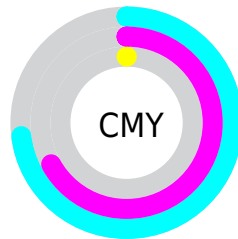
- Red (27%)
- Green (33%)
- Blue (100%)



- Red (27%)
- Yellow (33%)
- Blue (100%)



- Cyan (73%)
- Magenta (67%)
- Yellow (0%)
- Black (0%)



- Cyan (73%)
- Magenta (67%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4555FF 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 4555FF by changing the saturation by 10% instead.

 4555FF

 4555FF

FFFFFF

 003DE2

 8D87FF

 0027C5

 AEA2FF

 0013A9

 CDBDFF

 00038D

 EDD9FF

 000073

 FFF5FF

 000D59

 000740

 00032A

 000114

 4555FF

 4555FF

 2B3EFF

 5E6CFF

 1226FF

 7884FF

 0016FF

 929BFF

 ABB2FF

 C4CAFF

 DEE1FF

 F7F8FF

FFFFFF

Harmonies

Analogous

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



0079FF



4555FF



C800C1

Triad

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



4555FF



C24000



008A6A

Complementary

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



4555FF



FFEF45

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.



008600



4555FF



846A00

Square

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



4555FF



EA0020



257D00



008BBE

Rectangle

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



4555FF



EA008C



257D00



00894C

Sweetspot

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



4555FF



C7CCFF



45FFEC



5E6180



000000



808080

Same Dimension

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



4555FF



1F32FF



8F45FF



737480



0010BF



000540

Inverse Universe

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



FF4555



FF1F32



B5FF45



807374



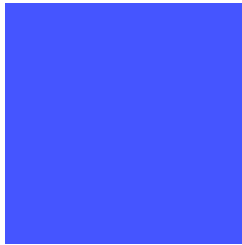
BF0010



400005

Previews

White Background



This preview shows how the Hex color 4555FF looks on a white background.

Color Contrast Check

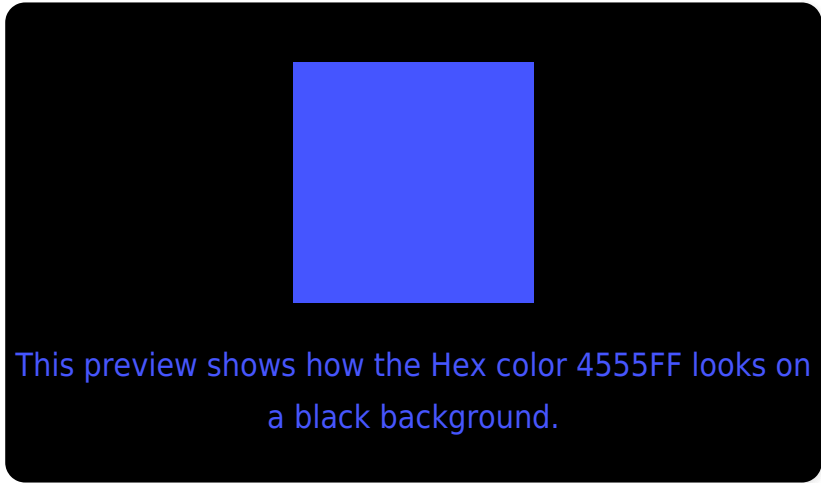
Large Text (above 18pt) WCAG AA ✓ Pass

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

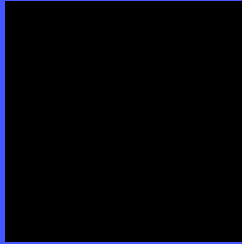
Any Text WCAG AA × Fail

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 4555FF Background



This preview shows how black text looks on a background with the Hex color 4555FF.

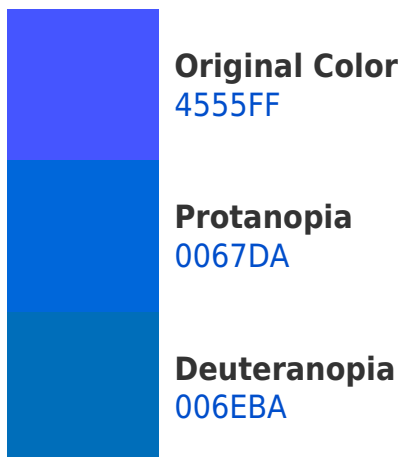


This preview shows how white text looks on a background with the Hex color 4555FF.

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](#).

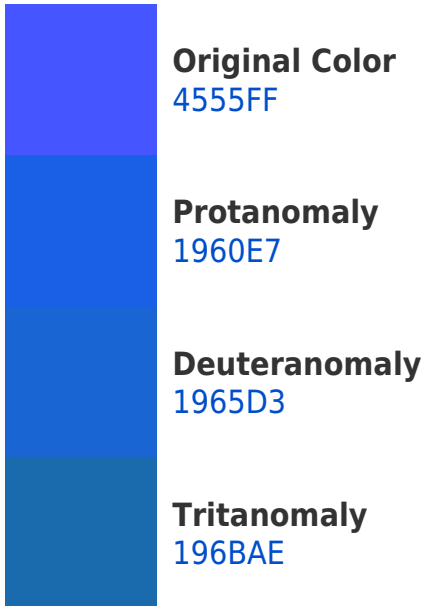
Dichromacy





Tritanopia
00777F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4555FF 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 #4555FF looks like.

```
.text, #text, p{  
    color:#4555FF  
}
```

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 #4555FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4555FF
}
```

Border

The CSS property to change the border of an element to Hex 4555FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

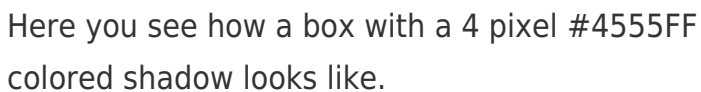
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4555FF }
```

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

```
.border{ border-color:#4555FF }
```

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



Here you see how a box with a 4 pixel #4555FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4555FF; -webkit-box-shadow:4px 4px  
4px 4px #4555FF; box-shadow:4px 4px 4px  
4px #4555FF }
```

Background

The CSS property to change the background color of an element to Hex 4555FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4555FF }
```

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

```
.background{ background-color:#4555FF }
```

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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