

Converting Colors

Hex(44BBFF)

Have a look what the booklet for
Hex(44BBFF) contains.

Hex(44BBFF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(44BBFF)

Conversions

Conversions Part 1

Format	Color
Hex	44BBFF
RGB	68, 187, 255
RGB Percent	27%, 73%, 100%
CMY	0.7333, 0.2667, 0.0000
CMYK	0.73, 0.27, 0.00, 0.00
HSL	202°, 100%, 63%
HSV	202°, 73%, 100%
XYZ	38.2042, 43.9896, 101.0850
YIQ	159.1710, -92.7520, -4.0800

Conversions

Conversions Part 2

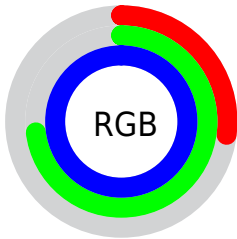
Format	Color
R _{YB}	68, 141, 255
Decimal	4504575
CIE Lab	72.22, -11.26, -43.00
CIE LCh	72, 44.451, 255.321
Yxy	43.9896, 0.2084, 0.2400
Android (android.graphics.Color)	4282694655 (0xFF44BBFF)
YUV	159.1710, 47.2437, -79.9570
Hunter-Lab	66.3246, -13.2488, -43.9363

Details

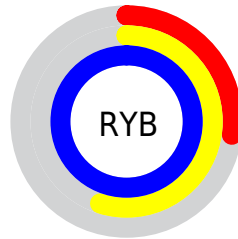
The Hex color **44BBFF** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **FF8844**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **8AF3FF**, and **0086C6** is the 20% darker color. If you saturate the color by 10%, you get **2AB2FF**, and if you desaturate by 10%, it is **5DC4FF**.

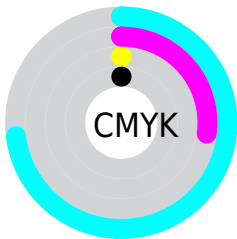
Distribution



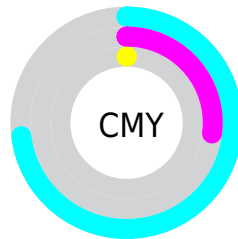
- Red (27%)
- Green (73%)
- Blue (100%)



- Red (27%)
- Yellow (55%)
- Blue (100%)



- Cyan (73%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (73%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44BBFF 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 44BBFF by changing the saturation by 10% instead.

 44BBFF

 44BBFF

FFFFFF

 00A0E2

 8AF3FF

 0086C6

 AAFFFF

 006DAA

 C9FFFF

 005590

 E8FFFF

 003E76

 00285D

 001445

 00032E

 000118

■ 44BBFF

■ 44BBFF

■ 2AB2FF

■ 5DC4FF

■ 11A8FF

■ 77CEFF

■ 00A2FF

■ 91D7FF

■ AAEOFF

■ C3E9FF

■ DDF3FF

■ F6FCFF

FFFFFF

Harmonies

Analogous

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



00C3EA



44BBFF



96AEFF

Triad

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



44BBFF



FF919E



89BF76

Complementary

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



44BBFF



FF8844

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.



B6B561



44BBFF



F69A79

Square

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



44BBFF



F393C7



DCA862



50C59B

Rectangle

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



44BBFF



BFA4F3



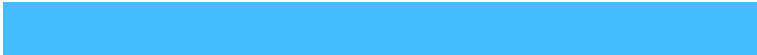
DCA862



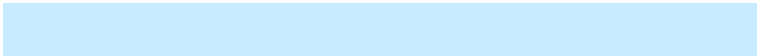
99BC6D

Sweetspot

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



44BBFF



C7EBFF



44FF85



5E7380



000000



808080

Same Dimension

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



44BBFF



1FADFF



4460FF



737B80



007ABF



002940

Inverse Universe

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



FF44BB



FF1FAD



FFE344



80737B



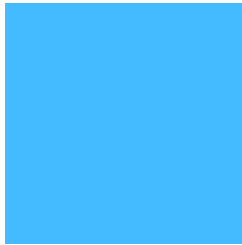
BF007A



400029

Previews

White Background



This preview shows how the Hex color 44BBFF looks on a white background.

Color Contrast Check

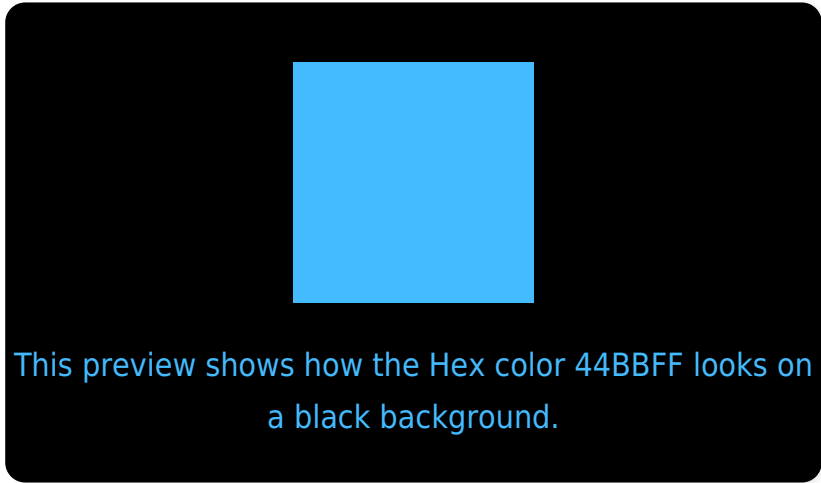
Large Text (above 18pt) WCAG AA × Fail

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

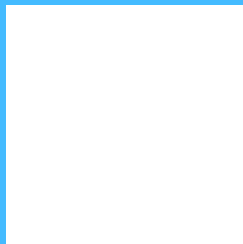
Any Text WCAG AAA ✓ Pass

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

Hex 44BBFF Background



This preview shows how black text looks on a background with the Hex color 44BBFF.

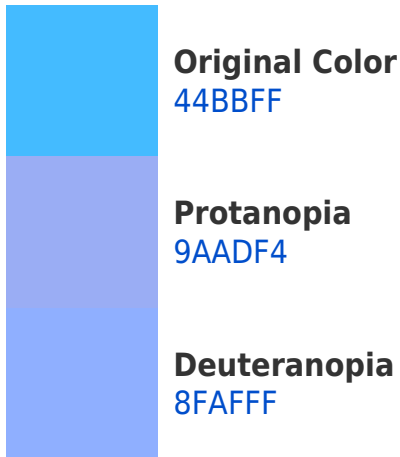


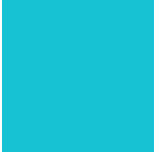
This preview shows how white text looks on a background with the Hex color 44BBFF.

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](#).

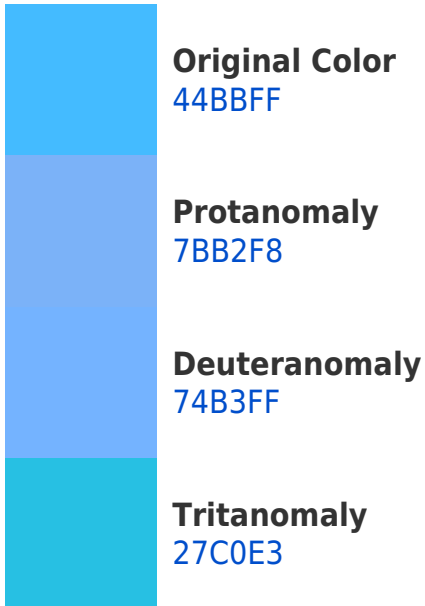
Dichromacy



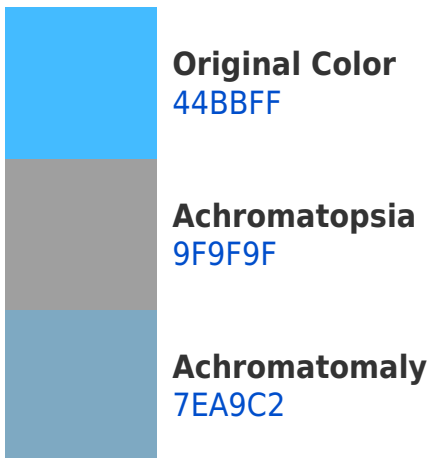


Tritanopia
17C3D3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 44BBFF 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 #44BBFF looks like.

```
.text, #text, p{  
    color:#44BBFF  
}
```

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 #44BBFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44BBFF
}
```

Border

The CSS property to change the border of an element to Hex 44BBFF 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
#44BBFF }
```

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

```
.border{ border-color:#44BBFF }
```

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

Here you see how a box with a 4 pixel #44BBFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44BBFF; -webkit-box-shadow:4px 4px  
4px 4px #44BBFF; box-shadow:4px 4px 4px  
4px #44BBFF }
```

Background

The CSS property to change the background color of an element to Hex 44BBFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44BBFF }
```

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

```
.background{ background-color:#44BBFF }
```

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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