

Converting Colors

Hex(44EE99)

Have a look what the booklet for
Hex(44EE99) contains.

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Color

Hex(44EE99)

Conversions

Conversions Part 1

Format	Color
Hex	44EE99
RGB	68, 238, 153
RGB Percent	27%, 93%, 60%
CMY	0.7333, 0.0667, 0.4000
CMYK	0.71, 0.00, 0.36, 0.07
HSL	150°, 83%, 60%
HSV	150°, 71%, 93%
XYZ	38.7082, 64.6779, 40.5809
YIQ	177.4800, -74.0350, -62.4750

Conversions

Conversions Part 2

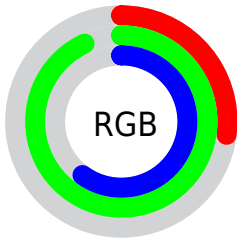
Format	Color
RYB	68, 181, 238
Decimal	4517529
CIELab	84.32, -61.79, 29.03
CIELCh	84, 68.267, 154.833
Yxy	64.6779, 0.2689, 0.4493
Android (android.graphics.Color)	4282707609 (0xFF44EE99)
YUV	177.4800, -12.0686, -96.0140
Hunter-Lab	80.4226, -54.8257, 26.3783

Details

The Hex color **44EE99** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **EE4499**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **89FFD0**, and **00B565** is the 20% darker color. If you saturate the color by 10%, you get **2CEE8D**, and if you desaturate by 10%, it is **5CEEA5**.

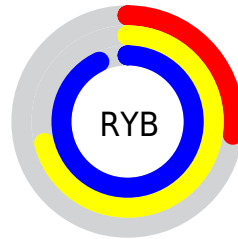
Distribution



Red (27%)

Green (93%)

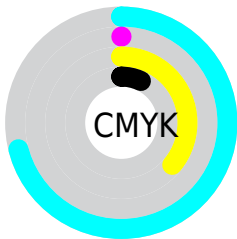
Blue (60%)



Red (27%)

Yellow (71%)

Blue (93%)

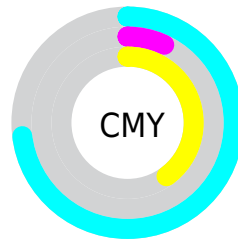


Cyan (71%)

Magenta (0%)

Yellow (36%)

Black (7%)



Cyan (73%)

Magenta (7%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44EE99 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 44EE99 by changing the saturation by 10% instead.

 44EE99

FFFFFF

 89FFD0

 A8FFEC

 C7FFFF

 E6FFFF

 44EE99


 07D17F

 00B565

 00994D

 007E35

 00641D

 004A05

 003300

 001800

 000000

 44EE99

 44EE99

 2CEE8D

 5CEEA5

 14EE81

 74EEB1

 00EE77

 8BEEBD

 A3EEC9

 BBEEED4

 D3EEEE0

 EBEEEC

 FFEEF8

 FFEEFF

Harmonies

Analogous

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



A9E463



44EE99



00F2DB

Triad

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



44EE99



64D6FF



FFA38C

Complementary

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



44EE99



EE4499

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.



FF99CA



44EE99



E4BDFE

Square

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



44EE99



00E7FF



FFA4FF



FFBB5C

Rectangle

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



44EE99



00F2FF



FFA4FF



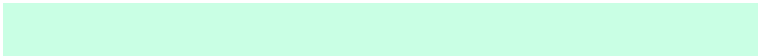
FF9EA0

Sweetspot

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



44EE99



C9FFE4



99EE44



608070



000000



808080

Same Dimension

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



44EE99



24FF91



44EEEE



6C7872



00B85C



00381C

Inverse Universe

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



EE4499



FF2491



EE4444



786C72



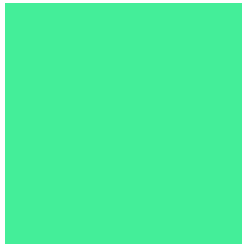
B8005C



38001C

Previews

White Background



This preview shows how the Hex color 44EE99 looks on a white background.

Color Contrast Check

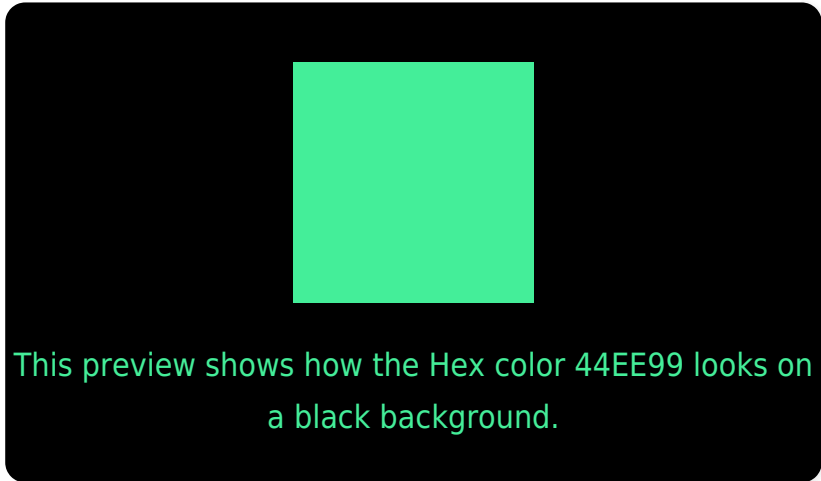
Large Text (above 18pt) WCAG AA × Fail

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 44EE99 Background



This preview shows how black text looks on a background with the Hex color 44EE99.

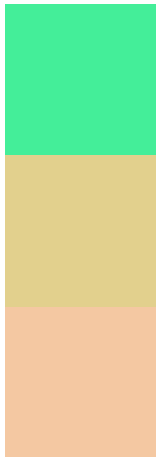


This preview shows how white text looks on a background with the Hex color 44EE99.

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](#).

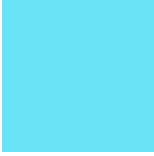
Dichromacy



Original Color
44EE99

Protanopia
E2D08D

Deuteranopia
F4C8A2



Tritanopia
69E3F5

Trichromacy



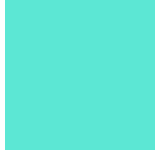
Original Color
44EE99



Protanomaly
A9DB91



Deuteranomaly
B4D69F

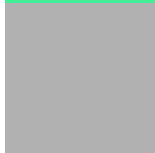


Tritanomaly
5CE7D4

Monochromacy



Original Color
44EE99



Achromatopsia
B1B1B1



Achromatomaly
89C7A8

CSS Examples

Text

The CSS property to change the color of the text to Hex 44EE99 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 #44EE99 looks like.

```
.text, #text, p{  
    color:#44EE99  
}
```

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 #44EE99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44EE99
}
```

Border

The CSS property to change the border of an element to Hex 44EE99 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
#44EE99 }
```

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

```
.border{ border-color:#44EE99 }
```

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

Here you see how a box with a 4 pixel #44EE99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44EE99; -webkit-box-shadow:4px 4px  
4px 4px #44EE99; box-shadow:4px 4px 4px  
4px #44EE99 }
```

Background

The CSS property to change the background color of an element to Hex 44EE99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44EE99 }
```

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

```
.background{ background-color:#44EE99 }
```

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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