

Converting Colors

Hex(44EC00)

Have a look what the booklet for
Hex(44EC00) contains.

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Color

Hex(44EC00)

Conversions

Conversions Part 1

Format	Color
Hex	44EC00
RGB	68, 236, 0
RGB Percent	27%, 93%, 0%
CMY	0.7333, 0.0745, 1.0000
CMYK	0.71, 0.00, 1.00, 0.07
HSL	103°, 100%, 46%
HSV	103°, 100%, 93%
XYZ	32.3793, 61.2198, 10.1100
YIQ	158.8640, -24.3720, -109.0120

Conversions

Conversions Part 2

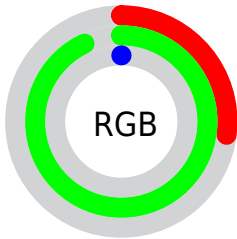
Format	Color
RYB	0, 236, 168
Decimal	4516864
CIELab	82.50, -75.35, 79.26
CIELCh	82, 109.359, 133.553
Yxy	61.2198, 0.3122, 0.5903
Android (android.graphics.Color)	4282706944 (0xFF44EC00)
YUV	158.8640, -78.3200, -79.6877
Hunter-Lab	78.2431, -63.0568, 47.1091

Details

The Hex color **44EC00** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **A800EC**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **8CFF59**, and **00B300** is the 20% darker color. If you saturate the color by 10%, you get **44EC00**, and if you desaturate by 10%, it is **55EC18**.

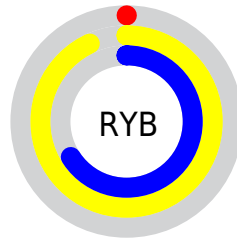
Distribution



Red (27%)

Green (93%)

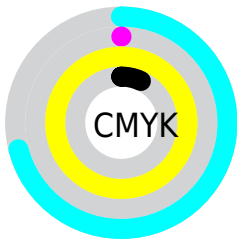
Blue (0%)



Red (0%)

Yellow (93%)

Blue (66%)

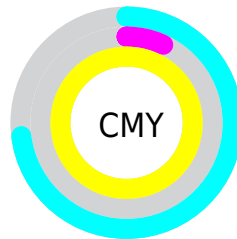


Cyan (71%)

Magenta (0%)

Yellow (100%)

Black (7%)



Cyan (73%)

Magenta (7%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44EC00 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 44EC00 by changing the saturation by 10% instead.

 44EC00

 44EC00

FFFFFF

 00CF00

 8CFF59

 00B300

 ACFF77

 009700

 CCFF94

 007C00

 ECFFB2

 006100

 FFFFCF

 004700

 FFFFED

 002E00

 001000

 000000

 44EC00

 55EC18

 66EC2F

 76EC47

 87EC5E

 98EC76

 A9EC8E

 BAECA5

 CAECBD

 DBECD4

Harmonies

Analogous

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



CCD700



44EC00



00F68F

Triad

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



44EC00



00E9FF



FF47A4

Complementary

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



44EC00



A800EC

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.



FF59FF



44EC00



00CBFF

Square

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



44EC00



00F7FF



FF98FF



FF7F40

Rectangle

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



44EC00



00F9D7



FF98FF



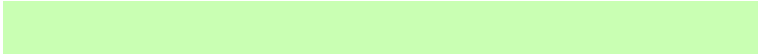
FF41C6

Sweetspot

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



44EC00



C9FFB3



ECA500



5F8052



000000



808080

Same Dimension

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



44EC00



49FF00



00EC2F



6D756A



34B500



0F3600

Inverse Universe

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



A800EC



B600FF



EC00BD



726A75



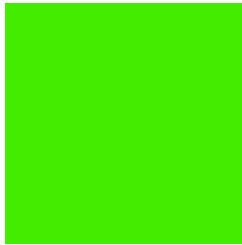
8100B5



260036

Previews

White Background



This preview shows how the Hex color 44EC00 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



This preview shows how the Hex color 44EC00 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

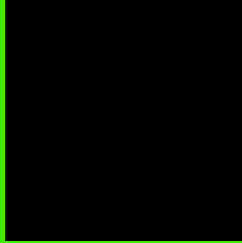
Any Text WCAG AA ✓ Pass

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 44EC00 Background



This preview shows how black text looks on a background with the Hex color 44EC00.

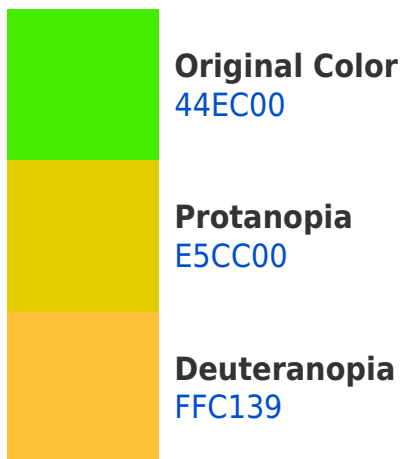


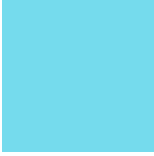
This preview shows how white text looks on a background with the Hex color 44EC00.

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](#).

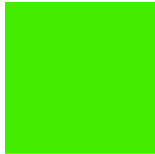
Dichromacy





Tritanopia
75DBED

Trichromacy



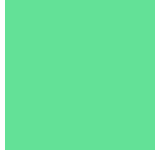
Original Color
44EC00



Protanomaly
AAD800



Deuteranomaly
BBD124



Tritanomaly
63E197

Monochromacy



Original Color
44EC00



Achromatopsia
9F9F9F



Achromatomaly
7EBB65

CSS Examples

Text

The CSS property to change the color of the text to Hex 44EC00 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 #44EC00 looks like.

```
.text, #text, p{  
    color:#44EC00  
}
```

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 #44EC00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44EC00
}
```

Border

The CSS property to change the border of an element to Hex 44EC00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

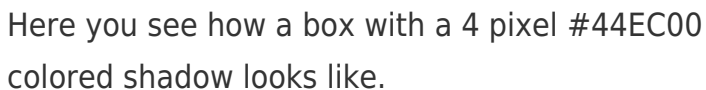
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#44EC00 }
```

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

```
.border{ border-color:#44EC00 }
```

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



Here you see how a box with a 4 pixel #44EC00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44EC00; -webkit-box-shadow:4px 4px  
4px 4px #44EC00; box-shadow:4px 4px 4px  
4px #44EC00 }
```

Background

The CSS property to change the background color of an element to Hex 44EC00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44EC00 }
```

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

```
.background{ background-color:#44EC00 }
```

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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