

Converting Colors

Hex(44D102)

Have a look what the booklet for
Hex(44D102) contains.

Hex(44D102)	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(44D102)

Conversions

Conversions Part 1

Format	Color
Hex	44D102
RGB	68, 209, 2
RGB Percent	27%, 82%, 1%
CMY	0.7333, 0.1804, 0.9922
CMYK	0.67, 0.00, 0.99, 0.18
HSL	101°, 98%, 41%
HSV	101°, 99%, 82%
XYZ	25.1953, 46.8343, 7.7694
YIQ	143.2430, -17.5890, -94.2690

Conversions

Conversions Part 2

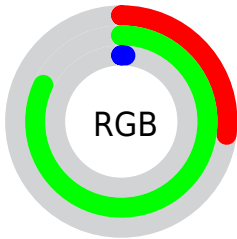
Format	Color
RYB	2, 209, 143
Decimal	4509954
CIELab	74.08, -67.10, 72.36
CIELCh	74, 98.685, 132.839
Yxy	46.8343, 0.3157, 0.5869
Android (android.graphics.Color)	4282700034 (0xFF44D102)
YUV	143.2430, -69.6328, -65.9881
Hunter-Lab	68.4356, -54.0454, 41.1738

Details

The Hex color **44D102** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **8F02D1**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **87FF53**, and **009900** is the 20% darker color. If you saturate the color by 10%, you get **43D100**, and if you desaturate by 10%, it is **52D117**.

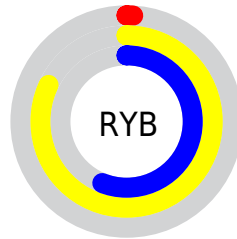
Distribution



 Red (27%)

 Green (82%)

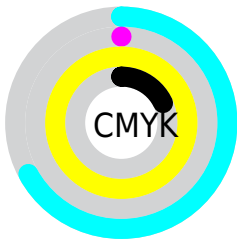
 Blue (1%)




 Red (1%)

 Yellow (82%)

 Blue (56%)

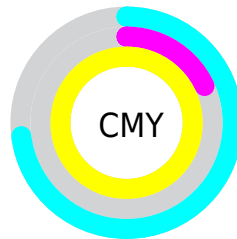


 Cyan (67%)

 Magenta (0%)

 Yellow (99%)

 Black (18%)



 Cyan (73%)

 Magenta (18%)

 Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44D102 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 44D102 by changing the saturation by 10% instead.

 44D102

 44D102

FFFFFF

 0FB500

 87FF53

 009900

 A6FF71

 007E00

 C5FF8D

 006400

 E4FFAA

 004A00

 FFFFC7

 003300

 FFFF E5

 001700

 000000

 44D102

 44D102

■ 43D100

■ 52D117

■ 60D12C

■ 6FD141

■ 7DD156

■ 8BD16B

■ 99D17F

■ A8D194

■ B6D1A9

■ C4D1BE

Harmonies

Analogous

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



B8BE00



44D102



00DA7D

Triad

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



44D102



00CFFF



FF4294

Complementary

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



44D102



8F02D1

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.



FF53EE



44D102



00B5FF

Square

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



44D102



00DBFF



E889FF



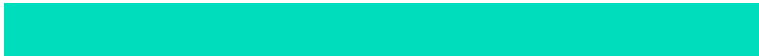
FF703C

Rectangle

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



44D102



00DDBD



E889FF



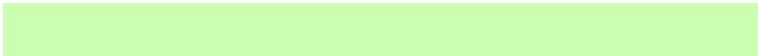
FF3EB2

Sweetspot

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



44D102



CBFFB3



D18C02



608052



000000



808080

Same Dimension

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



44D102



51FF00



02D124



61695E



36A800



0D2900

Inverse Universe

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



8F02D1



AE00FF



D102AE



655E69



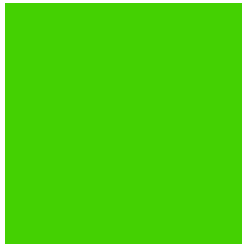
7300A8



1C0029

Previews

White Background



This preview shows how the Hex color 44D102 looks on a white background.

Color Contrast Check

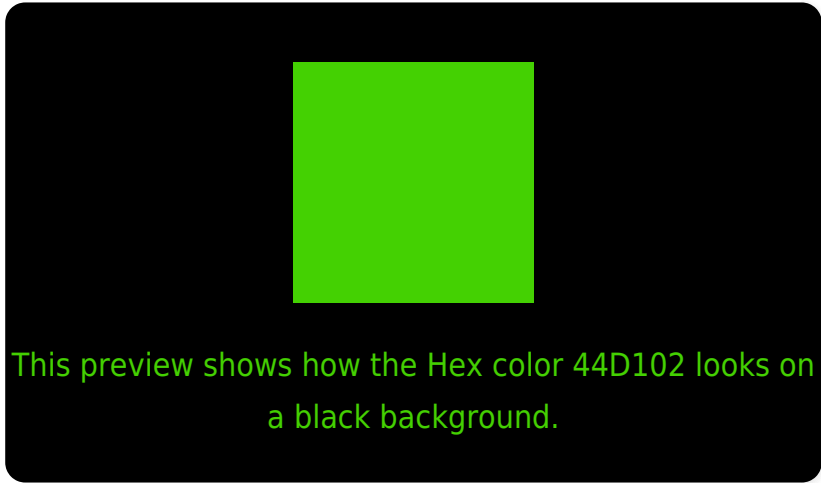
Large Text (above 18pt) WCAG AA × Fail

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

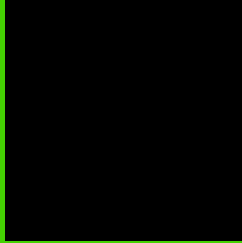
Any Text WCAG AA ✓ Pass

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 44D102 Background



This preview shows how black text looks on a background with the Hex color 44D102.

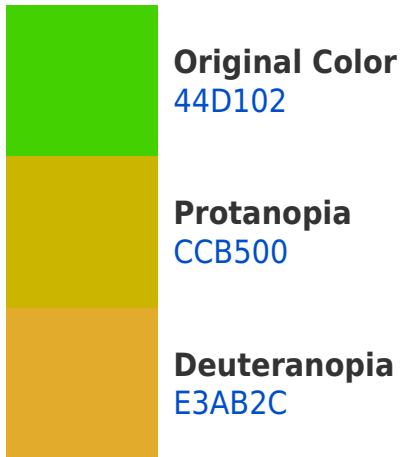


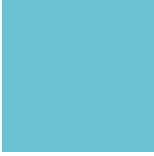
This preview shows how white text looks on a background with the Hex color 44D102.

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
6CC2D2

Trichromacy



Original Color
44D102



Protanomaly
9BBF01



Deuteranomaly
A9B91D



Tritanomaly
5DC786

Monochromacy



Original Color
44D102



Achromatopsia
8F8F8F



Achromatomaly
74A75C

CSS Examples

Text

The CSS property to change the color of the text to Hex 44D102 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 #44D102 looks like.

```
.text, #text, p{  
    color:#44D102  
}
```

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 #44D102 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44D102
}
```

Border

The CSS property to change the border of an element to Hex 44D102 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
#44D102 }
```

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

```
.border{ border-color:#44D102 }
```

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

Here you see how a box with a 4 pixel #44D102 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44D102; -webkit-box-shadow:4px 4px  
4px 4px #44D102; box-shadow:4px 4px 4px  
4px #44D102 }
```

Background

The CSS property to change the background color of an element to Hex 44D102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44D102 }
```

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

```
.background{ background-color:#44D102 }
```

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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