

Converting Colors

Hex(44D13A)

Have a look what the booklet for
Hex(44D13A) contains.

Hex(44D13A)	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(44D13A)

Conversions

Conversions Part 1

Format	Color
Hex	44D13A
RGB	68, 209, 58
RGB Percent	27%, 82%, 23%
CMY	0.7333, 0.1804, 0.7725
CMYK	0.67, 0.00, 0.72, 0.18
HSL	116°, 62%, 52%
HSV	116°, 72%, 82%
XYZ	25.9481, 47.1354, 11.7334
YIQ	149.6270, -35.5650, -76.8530

Conversions

Conversions Part 2

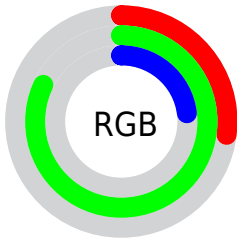
Format	Color
RYB	58, 209, 199
Decimal	4510010
CIELab	74.28, -64.76, 60.47
CIELCh	74, 88.608, 136.961
Yxy	47.1354, 0.3059, 0.5557
Android (android.graphics.Color)	4282700090 (0xFF44D13A)
YUV	149.6270, -45.1721, -71.5869
Hunter-Lab	68.6552, -52.6829, 37.9258

Details

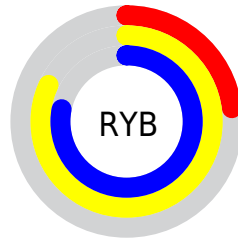
The Hex color **44D13A** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **C73AD1**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **86FF72**, and **009900** is the 20% darker color. If you saturate the color by 10%, you get **30D125**, and if you desaturate by 10%, it is **58D14F**.

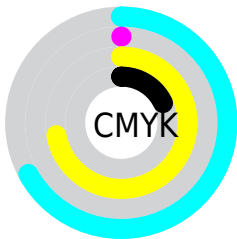
Distribution



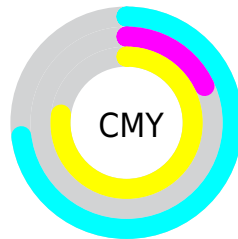
- Red (27%)
- Green (82%)
- Blue (23%)



- Red (23%)
- Yellow (82%)
- Blue (78%)



- Cyan (67%)
- Magenta (0%)
- Yellow (72%)
- Black (18%)



- Cyan (73%)
- Magenta (18%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44D13A 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 44D13A by changing the saturation by 10% instead.

 44D13A

 44D13A

FFFFFF

 13B519


 86FF72

 009900

 A4FF8D

 007E00

 C3FFA9

 006400

 E1FFC6

 004A00

 FFFF E3

 003300

 001800

 000000

 44D13A

 44D13A

 30D125

 58D14F

 1DD110

 6BD164

 0ED100

 7FD179

 92D18E

 A6D1A3

 B9D1B7

 CDD1CC

 E0D1E1

 F4D1F6

Harmonies

Analogous

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



B0C100



44D13A



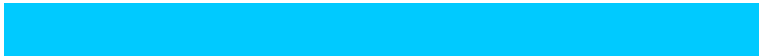
00D98F

Triad

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



44D13A



00CAFF



FF5E8C

Complementary

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



44D13A



C7AD1

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.



FF62DE



44D13A



56B0FF

Square

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



44D13A



00D8FF



F38AFF



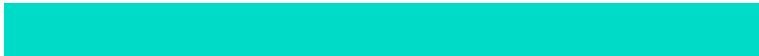
FF813F

Rectangle

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



44D13A



00DBC8



F38AFF



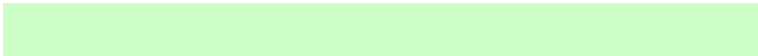
FF5AA7

Sweetspot

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



44D13A



CBFFC7



D1C73A



61805E



000000



808080

Same Dimension

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



44D13A



30FF21



3AD17B



5F695E



0BA800



032900

Inverse Universe

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



C73AD1



F021FF



D13A90



685E69



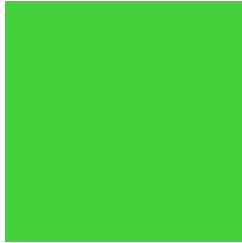
9D00A8



260029

Previews

White Background



This preview shows how the Hex color 44D13A 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 44D13A looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

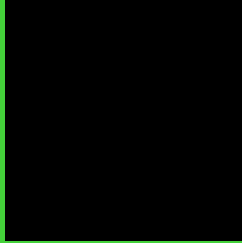
Any Text WCAG AA ✓ Pass

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 44D13A Background



This preview shows how black text looks on a background with the Hex color 44D13A.

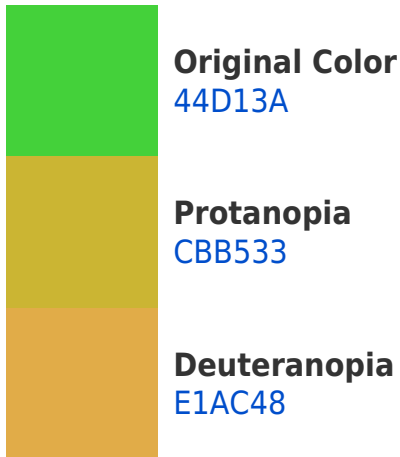


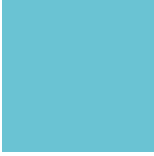
This preview shows how white text looks on a background with the Hex color 44D13A.

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
6AC3D3

Trichromacy



Original Color

44D13A



Protanomaly

9ABF36



Deuteranomaly

A8B943



Tritanomaly

5CC89B

Monochromacy



Original Color

44D13A



Achromatopsia

969696



Achromatomaly

78AB75

CSS Examples

Text

The CSS property to change the color of the text to Hex 44D13A 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 #44D13A looks like.

```
.text, #text, p{  
    color:#44D13A  
}
```

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 #44D13A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44D13A
}
```

Border

The CSS property to change the border of an element to Hex 44D13A 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
#44D13A }
```

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

```
.border{ border-color:#44D13A }
```

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

Here you see how a box with a 4 pixel #44D13A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44D13A; -webkit-box-shadow:4px 4px  
4px 4px #44D13A; box-shadow:4px 4px 4px  
4px #44D13A }
```

Background

The CSS property to change the background color of an element to Hex 44D13A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44D13A }
```

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

```
.background{ background-color:#44D13A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor