

Converting Colors

Hex(44D861)

Have a look what the booklet for
Hex(44D861) contains.

Hex(44D861)	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(44D861)

Conversions

Conversions Part 1

Format	Color
Hex	44D861
RGB	68, 216, 97
RGB Percent	27%, 85%, 38%
CMY	0.7333, 0.1529, 0.6196
CMYK	0.69, 0.00, 0.55, 0.15
HSL	132°, 65%, 56%
HSV	132°, 69%, 85%
XYZ	29.0974, 51.2037, 19.6590
YIQ	158.1820, -50.0090, -68.3850

Conversions

Conversions Part 2

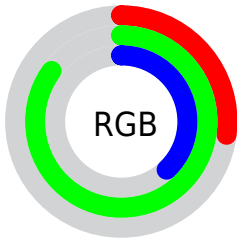
Format	Color
RYB	68, 192, 216
Decimal	4511841
CIELab	76.80, -63.03, 46.96
CIELCh	77, 78.600, 143.308
Yxy	51.2037, 0.2911, 0.5122
Android (android.graphics.Color)	4282701921 (0xFF44D861)
YUV	158.1820, -30.1627, -79.0896
Hunter-Lab	71.5568, -52.6402, 33.8009

Details

The Hex color **44D861** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **D844BB**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **85FF96**, and **00A02D** is the 20% darker color. If you saturate the color by 10%, you get **2ED850**, and if you desaturate by 10%, it is **5AD872**.

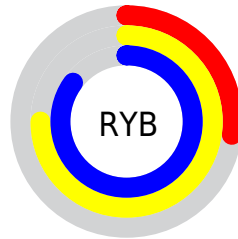
Distribution



Red (27%)

Green (85%)

Blue (38%)



Red (27%)

Yellow (75%)

Blue (85%)

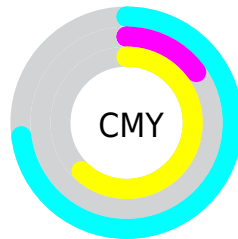


Cyan (69%)

Magenta (0%)

Yellow (55%)

Black (15%)



Cyan (73%)

Magenta (15%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44D861 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 44D861 by changing the saturation by 10% instead.

 44D861

 44D861

FFFFFF

 13BC47

 85FF96

 00A02D

 A4FFB2

 00850F

 C2FFCE

 006A00

 E1FFEB

 005000

 003800

 002000

 000000

 44D861

 44D861

 2ED850

 5AD872

 19D83E

 6FD884

 03D82D

 85D895

 00D82A

 9AD8A6

 B0D8B8

 C6D8C9

 DBD8DB

 F1D8EC

 FFD8FD

Harmonies

Analogous

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



AACB20



44D861



00DEAA

Triad

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



44D861



00CBFF



FF7B89

Complementary

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



44D861



D844BB

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.



FF77D1



44D861



9DB1FF

Square

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



44D861



00DAFF



FF90FF



FF9748

Rectangle

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



44D861



00E0DD



FF90FF



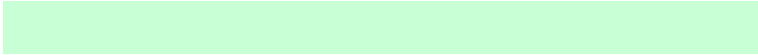
FF76A0

Sweetspot

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



44D861



C9FFD4



BDD844



608066



000000



808080

Same Dimension

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



44D861



2EFF57



44D8A9



606B62



00AB21



002B08

Inverse Universe

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



D844BB



FF2ED6



D84473



6B6069



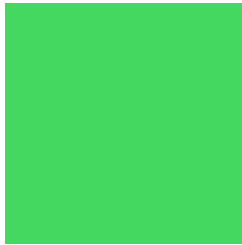
AB0089



2B0023

Previews

White Background



This preview shows how the Hex color 44D861 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 44D861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

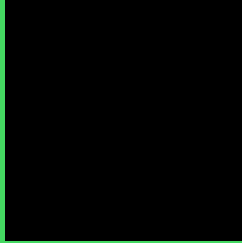
Any Text WCAG AA ✓ Pass

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 44D861 Background



This preview shows how black text looks on a background with the Hex color 44D861.

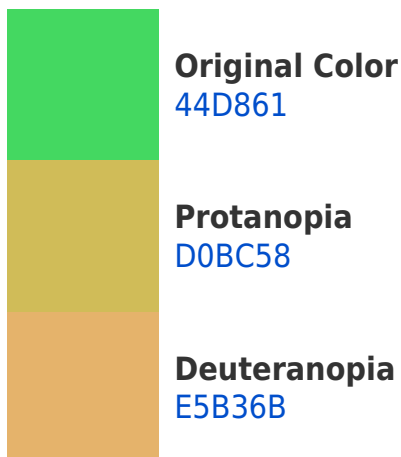


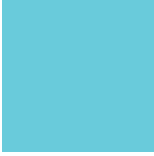
This preview shows how white text looks on a background with the Hex color 44D861.

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
69CBDB

Trichromacy



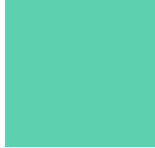
Original Color
44D861



Protanomaly
9DC65B



Deuteranomaly
AAC067



Tritanomaly
5CD0AF

Monochromacy



Original Color
44D861



Achromatopsia
9E9E9E



Achromatomaly
7DB388

CSS Examples

Text

The CSS property to change the color of the text to Hex 44D861 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 #44D861 looks like.

```
.text, #text, p{  
    color:#44D861  
}
```

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 #44D861 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44D861
}
```

Border

The CSS property to change the border of an element to Hex 44D861 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
#44D861 }
```

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

```
.border{ border-color:#44D861 }
```

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

Here you see how a box with a 4 pixel #44D861 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44D861; -webkit-box-shadow:4px 4px  
4px 4px #44D861; box-shadow:4px 4px 4px  
4px #44D861 }
```

Background

The CSS property to change the background color of an element to Hex 44D861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44D861 }
```

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

```
.background{ background-color:#44D861 }
```

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