

Converting Colors

Hex(44F376)

Have a look what the booklet for
Hex(44F376) contains.

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Color

Hex(44F376)

Conversions

Conversions Part 1

Format	Color
Hex	44F376
RGB	68, 243, 118
RGB Percent	27%, 95%, 46%
CMY	0.7333, 0.0471, 0.5373
CMYK	0.72, 0.00, 0.51, 0.05
HSL	137°, 88%, 61%
HSV	137°, 72%, 95%
XYZ	37.7045, 66.6381, 28.0148
YIQ	176.4250, -64.1750, -75.9750

Conversions

Conversions Part 2

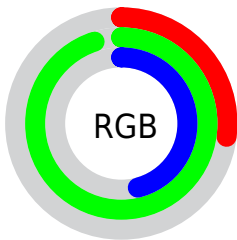
Format	Color
RYB	68, 204, 243
Decimal	4518774
CIELab	85.32, -69.34, 47.49
CIELCh	85, 84.044, 145.597
Yxy	66.6381, 0.2849, 0.5035
Android (android.graphics.Color)	4282708854 (0xFF44F376)
YUV	176.4250, -28.8035, -95.0887
Hunter-Lab	81.6322, -60.4102, 36.7952

Details

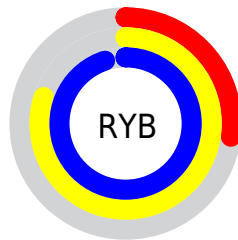
The Hex color **44F376** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **F344C1**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **8AFFAC**, and **00B942** is the 20% darker color. If you saturate the color by 10%, you get **2CF365**, and if you desaturate by 10%, it is **5CF387**.

Distribution



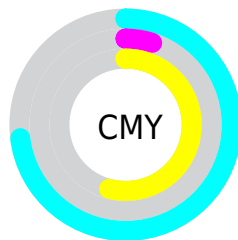
- Red (27%)
- Green (95%)
- Blue (46%)



- Red (27%)
- Yellow (80%)
- Blue (95%)



- Cyan (72%)
- Magenta (0%)
- Yellow (51%)
- Black (5%)



- Cyan (73%)
- Magenta (5%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44F376 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 44F376 by changing the saturation by 10% instead.

 44F376

 44F376

FFFFFF

 00D65C

 8AFFAC

 00B942

 AAFFC8

 009D27

 C9FFE5

 008205

 E8FFFF

 006700

 004E00

 003600

 001B00

 000000

 44F376

 44F376

 2CF365

 5CF387

 13F353

 75F399

 00F345

 8DF3AA

 A5F3BB

 BDF3CD

 D6F3DE

 EE33EF

 FFF3FF

Harmonies

Analogous

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



BAE531



44F376



00FAC6

Triad

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



44F376



00E2FF



FF8F95

Complementary

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



44F376



F344C1

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.



FF88E4



44F376



BEC5FF

Square

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



44F376



00F3FF



FFA1FF



FFAD50

Rectangle

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



44F376



00FBFE



FFA1FF



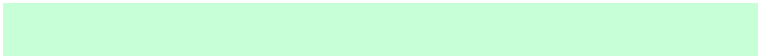
FF88AF

Sweetspot

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



44F376



C7FFD7



C1F344



5E8068



000000



808080

Same Dimension

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



44F376



24FF62



44F3CD



6E7A72



00BA35



003B11

Inverse Universe

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



F344C1



FF24C0



F3446A



7A6E77



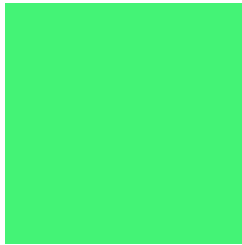
BA0085



3B002A

Previews

White Background



This preview shows how the Hex color 44F376 looks on a white background.

Color Contrast Check

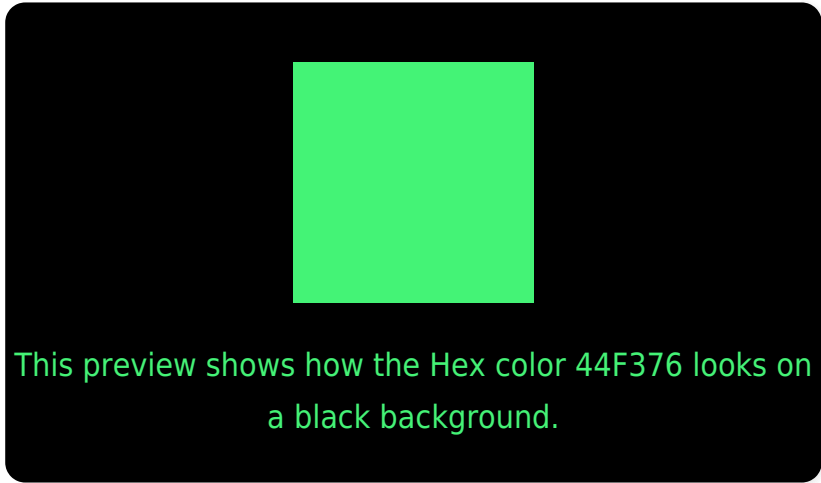
Large Text (above 18pt) WCAG AA × Fail

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

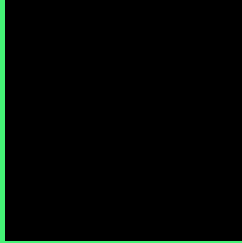
Any Text WCAG AA ✓ Pass

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 44F376 Background



This preview shows how black text looks on a background with the Hex color 44F376.

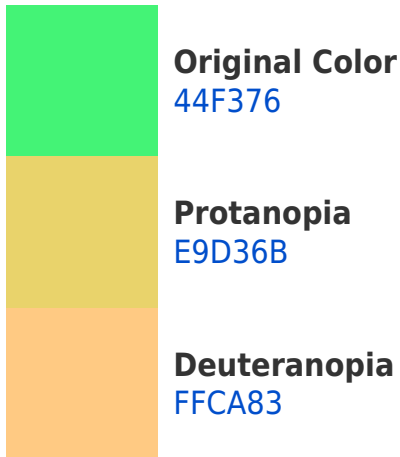


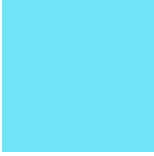
This preview shows how white text looks on a background with the Hex color 44F376.

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
70E5F7

Trichromacy



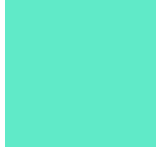
Original Color
44F376



Protanomaly
AADD6F



Deuteranomaly
BBD97E



Tritanomaly
60EAC8

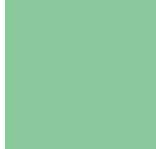
Monochromacy



Original Color
44F376



Achromatopsia
B0B0B0



Achromatomaly
89C89B

CSS Examples

Text

The CSS property to change the color of the text to Hex 44F376 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 #44F376 looks like.

```
.text, #text, p{  
    color:#44F376  
}
```

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 #44F376 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44F376
}
```

Border

The CSS property to change the border of an element to Hex 44F376 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
#44F376 }
```

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

```
.border{ border-color:#44F376 }
```

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

Here you see how a box with a 4 pixel #44F376 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44F376; -webkit-box-shadow:4px 4px  
4px 4px #44F376; box-shadow:4px 4px 4px  
4px #44F376 }
```

Background

The CSS property to change the background color of an element to Hex 44F376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44F376 }
```

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

```
.background{ background-color:#44F376 }
```

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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