

Converting Colors

Hex(2FE386)

Have a look what the booklet for
Hex(2FE386) contains.

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Color

Hex(2FE386)

Conversions

Conversions Part 1

Format	Color
Hex	2FE386
RGB	47, 227, 134
RGB Percent	18%, 89%, 53%
CMY	0.8157, 0.1098, 0.4745
CMYK	0.79, 0.00, 0.41, 0.11
HSL	149°, 76%, 54%
HSV	149°, 79%, 89%
XYZ	32.9445, 57.2637, 31.8709
YIQ	162.5780, -77.4270, -67.0830

Conversions

Conversions Part 2

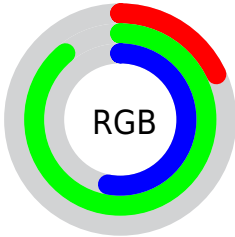
Format	Color
RYB	47, 168, 227
Decimal	3138438
CIELab	80.33, -63.98, 33.29
CIELCh	80, 72.123, 152.512
Yxy	57.2637, 0.2699, 0.4691
Android (android.graphics.Color)	4281328518 (0xFF2FE386)
YUV	162.5780, -14.0890, -101.3619
Hunter-Lab	75.6728, -54.7167, 28.0000

Details

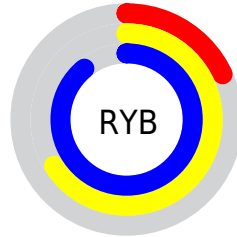
The Hex color **2FE386** is a dark color, and the websafe version is hex **00CC66**. The color can be described as middle washed spring green. A complement of this color would be **E32F8C**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **7AFFBC**, and **00AA53** is the 20% darker color. If you saturate the color by 10%, you get **18E37A**, and if you desaturate by 10%, it is **46E392**.

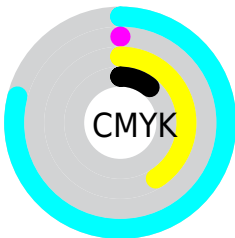
Distribution



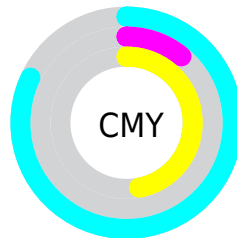
- Red (18%)
- Green (89%)
- Blue (53%)



- Red (18%)
- Yellow (66%)
- Blue (89%)



- Cyan (79%)
- Magenta (0%)
- Yellow (41%)
- Black (11%)



- Cyan (82%)
- Magenta (11%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2FE386 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 2FE386 by changing the saturation by 10% instead.

 2FE386

FFFFFF

 7AFFBC

 9AFFD8

 B9FFF5

 D8FFFF

 F7FFFF

 2FE386

 00C66C

 00AA53

 008F3B

 007423

 005A09

 004100

 002900

 000200

 000000

 2FE386

 2FE386

 18E37A

 46E392

 02E36F

 5CE39D

 00E36E

 73E3A9

 8AE3B5

 A1E3C1

 B7E3CC

 CEE3D8

 E5E3E4

 FBE3F0

Harmonies

Analogous

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



A1D84D



2FE386



00E8CB

Triad

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



2FE386



15CDFE



FF9383

Complementary

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



2FE386



E32F8C

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.



FF88C4



2FE386



D0B3FF

Square

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



2FE386



00DEFF



FF97FF



FFAD4D

Rectangle

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



2FE386



00E8F9



FF97FF



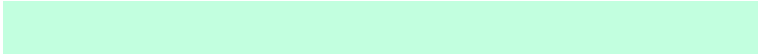
FF8D98

Sweetspot

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



2FE386



C2FFDF



8CE32F



5B806C



000000



808080

Same Dimension

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



2FE386



0DFF82



2FE3E0



67736D



00B356



003319

Inverse Universe

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



E32F8C



FF0D8A



E32F32



73676D



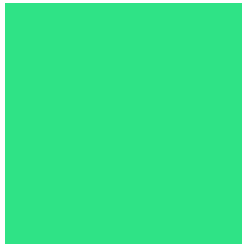
B3005C



33001A

Previews

White Background



This preview shows how the Hex color 2FE386 looks on a white background.

Color Contrast Check

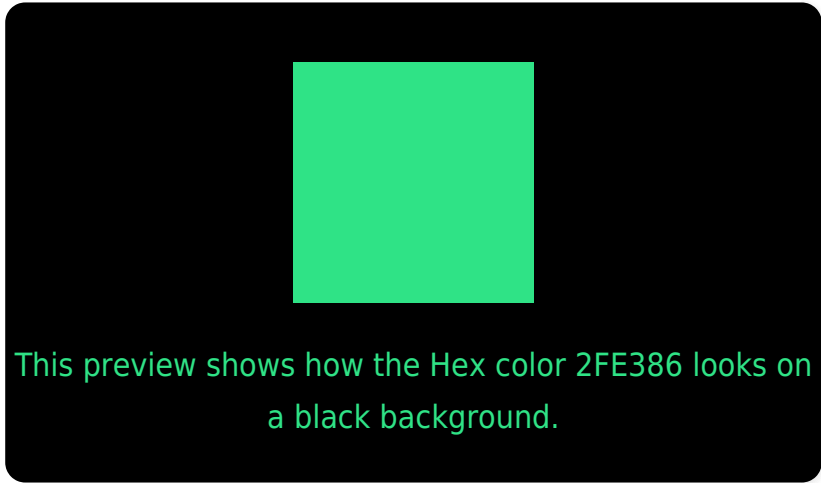
Large Text (above 18pt) WCAG AA × Fail

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

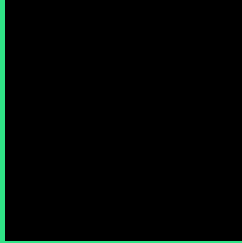
Any Text WCAG AA ✓ Pass

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 2FE386 Background



This preview shows how black text looks on a background with the Hex color 2FE386.

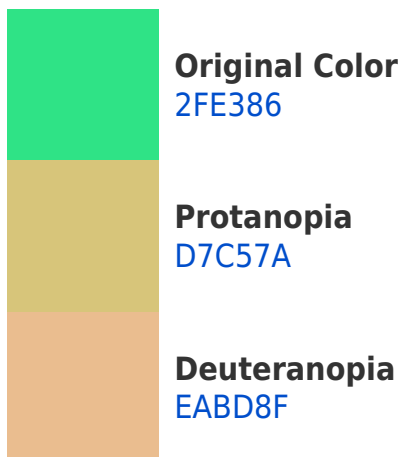


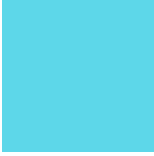
This preview shows how white text looks on a background with the Hex color 2FE386.

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](#).

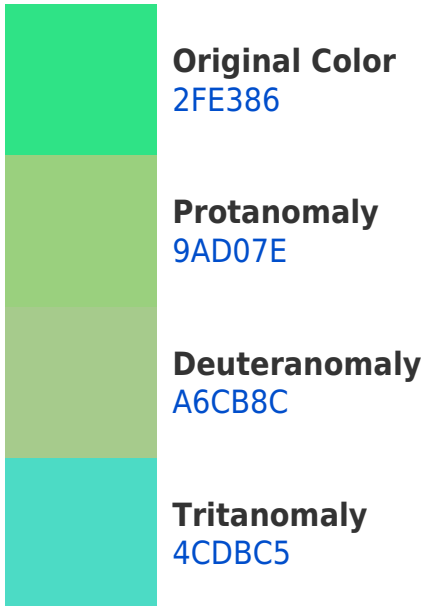
Dichromacy



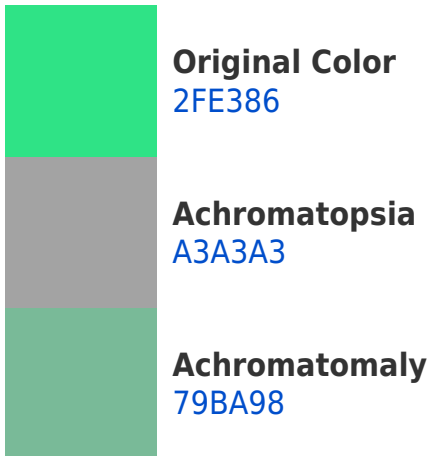


Tritanopia
5DD7E9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2FE386 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 #2FE386 looks like.

```
.text, #text, p{  
    color:#2FE386  
}
```

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 #2FE386 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2FE386
}
```

Border

The CSS property to change the border of an element to Hex 2FE386 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
#2FE386 }
```

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

```
.border{ border-color:#2FE386 }
```

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

Here you see how a box with a 4 pixel #2FE386 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2FE386; -webkit-box-shadow:4px 4px  
4px 4px #2FE386; box-shadow:4px 4px 4px  
4px #2FE386 }
```

Background

The CSS property to change the background color of an element to Hex 2FE386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2FE386 }
```

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

```
.background{ background-color:#2FE386 }
```

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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