

Converting Colors

Hex(1FE6A2)

Have a look what the booklet for
Hex(1FE6A2) contains.

Hex(1FE6A2)	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(1FE6A2)

Conversions

Conversions Part 1

Format	Color
Hex	1FE6A2
RGB	31, 230, 162
RGB Percent	12%, 90%, 64%
CMY	0.8784, 0.0980, 0.3647
CMYK	0.87, 0.00, 0.30, 0.10
HSL	159°, 80%, 51%
HSV	159°, 87%, 90%
XYZ	35.3835, 59.4936, 43.8009
YIQ	162.7470, -96.7760, -63.3360

Conversions

Conversions Part 2

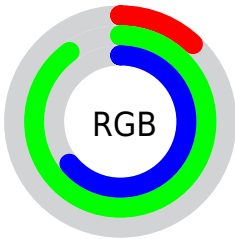
Format	Color
RYB	31, 151, 230
Decimal	2090658
CIELab	81.56, -60.84, 20.57
CIELCh	82, 64.224, 161.319
Yxy	59.4936, 0.2551, 0.4290
Android (android.graphics.Color)	4280280738 (0xFF1FE6A2)
YUV	162.7470, -0.3683, -115.5421
Hunter-Lab	77.1321, -53.0963, 20.3235

Details

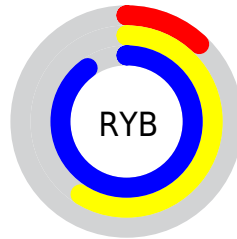
The Hex color **1FE6A2** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **E61F63**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **74FFD9**, and **00AD6E** is the 20% darker color. If you saturate the color by 10%, you get **08E69A**, and if you desaturate by 10%, it is **36E6AA**.

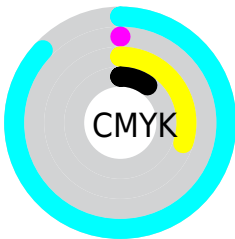
Distribution



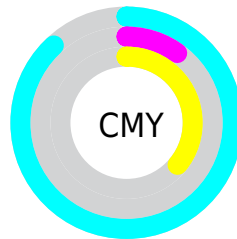
- Red (12%)
- Green (90%)
- Blue (64%)



- Red (12%)
- Yellow (59%)
- Blue (90%)



- Cyan (87%)
- Magenta (0%)
- Yellow (30%)
- Black (10%)



- Cyan (88%)
- Magenta (10%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1FE6A2 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 1FE6A2 by changing the saturation by 10% instead.

 1FE6A2

 1FE6A2

FFFFFF

 00C988

 74FFD9

 00AD6E

 95FFF6

 009255

 B4FFFF

 00773E

 D4FFFF

 005D27

 F3FFFF

 004312

 002C00

 000B00

 000000

 1FE6A2

 1FE6A2

 08E69A

 36E6AA

 00E697

 4DE6B2

 64E6BA

 7BE6C1

 92E6C9

 A9E6D1

 C0E6D9

 D7E6E1

 EEE6E9

Harmonies

Analogous

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



95DE6C



1FE6A2



00E9E0

Triad

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



1FE6A2



89C9FF



FFA37E

Complementary

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



1FE6A2



E61F63

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.



FF96B6



1FE6A2



ECB1FF

Square

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



1FE6A2



00DCFF



FF9CF3



FFBA56

Rectangle

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



1FE6A2



00E7FF



FF9CF3



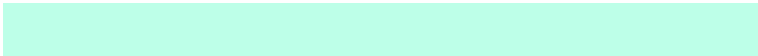
FF9D8F

Sweetspot

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



1FE6A2



BDFFE8



65E61F



588072



000000



808080

Same Dimension

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



1FE6A2



00FFA8



1FC8E6



67736F



00B376



003322

Inverse Universe

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



E61F63



FF0057



E63D1F



73676B



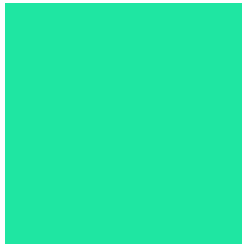
B3003D



330011

Previews

White Background



This preview shows how the Hex color 1FE6A2 looks on a white background.

Color Contrast Check

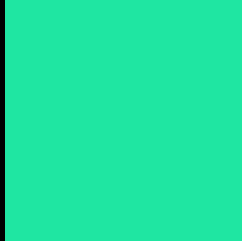
Large Text (above 18pt) WCAG AA × Fail

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 1FE6A2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

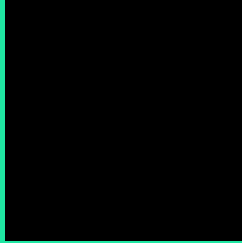
Any Text WCAG AA ✓ Pass

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 1FE6A2 Background



This preview shows how black text looks on a background with the Hex color 1FE6A2.

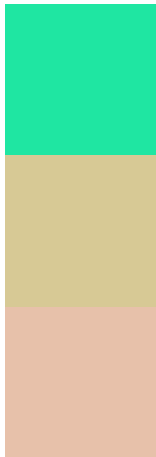


This preview shows how white text looks on a background with the Hex color 1FE6A2.

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](#).

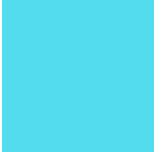
Dichromacy



Original Color
1FE6A2

Protanopia
D7C995

Deuteranopia
E7C1AA



Trichromacy



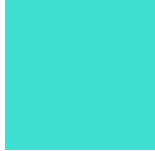
Original Color
1FE6A2



Protanomaly
94D49A



Deuteranomaly
9ECEA7

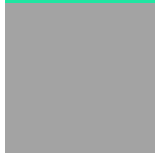


Tritanomaly
3FE0D2

Monochromacy



Original Color
1FE6A2



Achromatopsia
A3A3A3



Achromatomaly
73BBA3

CSS Examples

Text

The CSS property to change the color of the text to Hex 1FE6A2 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 #1FE6A2 looks like.

```
.text, #text, p{  
    color:#1FE6A2  
}
```

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 #1FE6A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1FE6A2
}
```

Border

The CSS property to change the border of an element to Hex 1FE6A2 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
#1FE6A2 }
```

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

```
.border{ border-color:#1FE6A2 }
```

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

Here you see how a box with a 4 pixel #1FE6A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1FE6A2; -webkit-box-shadow:4px 4px  
4px 4px #1FE6A2; box-shadow:4px 4px 4px  
4px #1FE6A2 }
```

Background

The CSS property to change the background color of an element to Hex 1FE6A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1FE6A2 }
```

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

```
.background{ background-color:#1FE6A2 }
```

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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