

Converting Colors

Hex(7FE382)

Have a look what the booklet for
Hex(7FE382) contains.

Hex(7FE382)	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(7FE382)

Conversions

Conversions Part 1

Format	Color
Hex	7FE382
RGB	127, 227, 130
RGB Percent	50%, 89%, 51%
CMY	0.5020, 0.1098, 0.4902
CMYK	0.44, 0.00, 0.43, 0.11
HSL	122°, 64%, 69%
HSV	122°, 44%, 89%
XYZ	40.2507, 61.0619, 30.7838
YIQ	186.0420, -28.4630, -51.3670

Conversions

Conversions Part 2

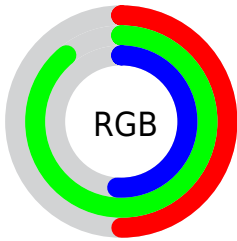
Format	Color
RYB	127, 224, 227
Decimal	8381314
CIELab	82.41, -48.71, 38.41
CIELCh	82, 62.036, 141.745
Yxy	61.0619, 0.3047, 0.4623
Android (android.graphics.Color)	4286571394 (0xFF7FE382)
YUV	186.0420, -27.6287, -51.7798
Hunter-Lab	78.1421, -44.8039, 31.3424

Details

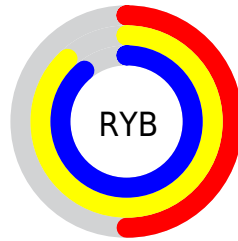
The Hex color **7FE382** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **E37FE0**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **B8FFB8**, and **45AB4F** is the 20% darker color. If you saturate the color by 10%, you get **68E36C**, and if you desaturate by 10%, it is **96E398**.

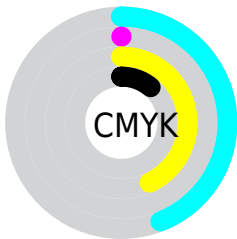
Distribution



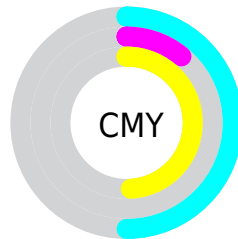
- Red (50%)
- Green (89%)
- Blue (51%)



- Red (50%)
- Yellow (88%)
- Blue (89%)



- Cyan (44%)
- Magenta (0%)
- Yellow (43%)
- Black (11%)



- Cyan (50%)
- Magenta (11%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7FE382 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 7FE382 by changing the saturation by 10% instead.

 7FE382

 7FE382

FFFFFF

 63C768

 B8FFB8

 45AB4F

 D5FFD4

 259036

 F3FFF1

 00751D

 005C00

 004300

 002D00

 001000

 000000

 7FE382

 7FE382

 68E36C

 96E398

 52E356

 ACE3AE

 3BE340

 C3E3C4

 24E32A

 DAE3DA

 0EE314

 F1E3F0

 00E307

 FFE3FF

Harmonies

Analogous

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



C5D75B



7FE382



00E9BA

Triad

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



7FE382



00D8FF



FF9DA5

Complementary

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



7FE382



E37FE0

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.



FF9CE0



7FE382



B6C4FF

Square

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



7FE382



00E5FF



FFADFF



FFAF73

Rectangle

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



7FE382



00EAE3



FFADFF



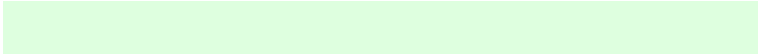
FF9BB8

Sweetspot

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



7FE382



DEFFDF



E1E37F



6B806C



000000



808080

Same Dimension

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



7FE382



78FF7C



7FE3B3



677368



00B305



003302

Inverse Universe

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



E37FE0



FF78FB



E37FAF



736772



B300AD



330031

Previews

White Background



This preview shows how the Hex color 7FE382 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 7FE382 Background



This preview shows how black text looks on a background with the Hex color 7FE382.

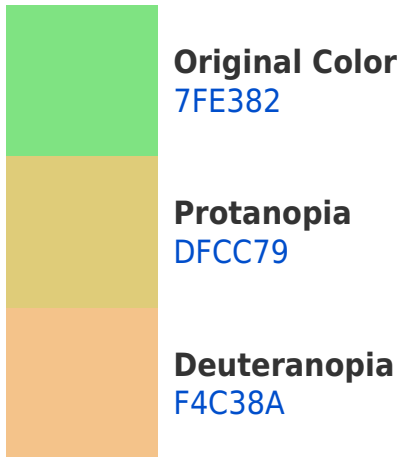


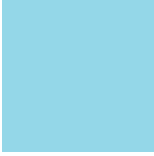
This preview shows how white text looks on a background with the Hex color 7FE382.

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
94D7E8

Trichromacy



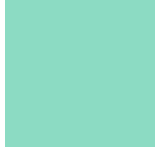
Original Color
7FE382



Protanomaly
BCD47C



Deuteranomaly
C9CF87



Tritanomaly
8CD8C3

Monochromacy



Original Color
7FE382



Achromatopsia
BABABA



Achromatomaly
A5C9A6

CSS Examples

Text

The CSS property to change the color of the text to Hex 7FE382 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 #7FE382 looks like.

```
.text, #text, p{  
    color:#7FE382  
}
```

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 #7FE382 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FE382
}
```

Border

The CSS property to change the border of an element to Hex 7FE382 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
#7FE382 }
```

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

```
.border{ border-color:#7FE382 }
```

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

Here you see how a box with a 4 pixel #7FE382 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FE382; -webkit-box-shadow:4px 4px  
4px 4px #7FE382; box-shadow:4px 4px 4px  
4px #7FE382 }
```

Background

The CSS property to change the background color of an element to Hex 7FE382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FE382 }
```

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

```
.background{ background-color:#7FE382 }
```

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