

Converting Colors

Hex(7EE219)

Have a look what the booklet for
Hex(7EE219) contains.

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Color

Hex(7EE219)

Conversions

Conversions Part 1

Format	Color
Hex	7EE219
RGB	126, 226, 25
RGB Percent	49%, 89%, 10%
CMY	0.5059, 0.1137, 0.9020
CMYK	0.44, 0.00, 0.89, 0.11
HSL	90°, 80%, 49%
HSV	90°, 89%, 89%
XYZ	35.9760, 58.8985, 10.3921
YIQ	173.1860, 4.9210, -83.7110

Conversions

Conversions Part 2

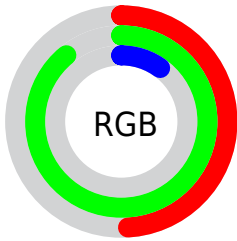
Format	Color
RYB	25, 226, 125
Decimal	8315417
CIELab	81.24, -57.44, 76.25
CIELCh	81, 95.461, 126.990
Yxy	58.8985, 0.3418, 0.5595
Android (android.graphics.Color)	4286505497 (0xFF7EE219)
YUV	173.1860, -73.0557, -41.3821
Hunter-Lab	76.7454, -50.6288, 45.6933

Details

The Hex color **7EE219** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **7D19E2**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **BAFF5F**, and **3EAA00** is the 20% darker color. If you saturate the color by 10%, you get **73E202**, and if you desaturate by 10%, it is **89E230**.

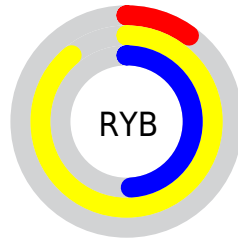
Distribution



Red (49%)

Green (89%)

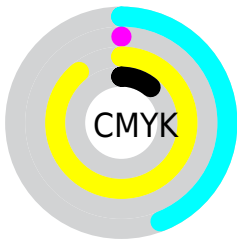
Blue (10%)



Red (10%)

Yellow (89%)

Blue (49%)

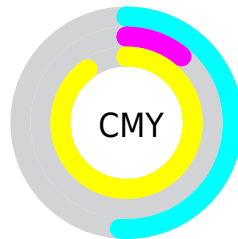


Cyan (44%)

Magenta (0%)

Yellow (89%)

Black (11%)



Cyan (51%)

Magenta (11%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7EE219 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 7EE219 by changing the saturation by 10% instead.

 7EE219

 7EE219

FFFFFF

 5FC600

 BAFF5F

 3EAA00

 D8FF7C

 118F00

 F7FF99

 007400

 FFFFB6

 005B00

 FFFFD4

 004200

 FFFFF2

 002B00

 000800

 000000

 7EE219

 7EE219

 73E202

 89E230

 72E200

 94E246

 A0E25D

 ABE273

 B6E28A

 C1E2A1

 CDE2B7

 D8E2CE

 E3E2E4

Harmonies

Analogous

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



DFCD00



7EE219



00ED7F

Triad

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



7EE219



00E6FF



FF64B9

Complementary

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



7EE219



7D19E2

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.



FF7AFF



7EE219



00CEFF

Square

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



7EE219



00F0FF



E4A8FF



FF8063

Rectangle

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



7EE219



00F1BE



E4A8FF



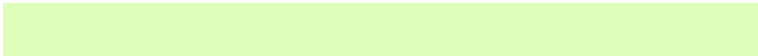
FF65D7

Sweetspot

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



7EE219



DFFBBA



E27A19



6B8057



000000



808080

Same Dimension

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



7EE219



80FF00



1CE219



6B7065



58B000



183000

Inverse Universe

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



7D19E2



7F00FF



DF19E2



6B6570



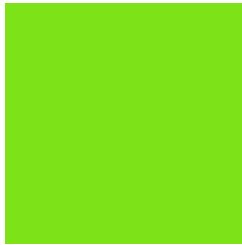
5800B0



180030

Previews

White Background



This preview shows how the Hex color 7EE219 looks on a white background.

Color Contrast Check

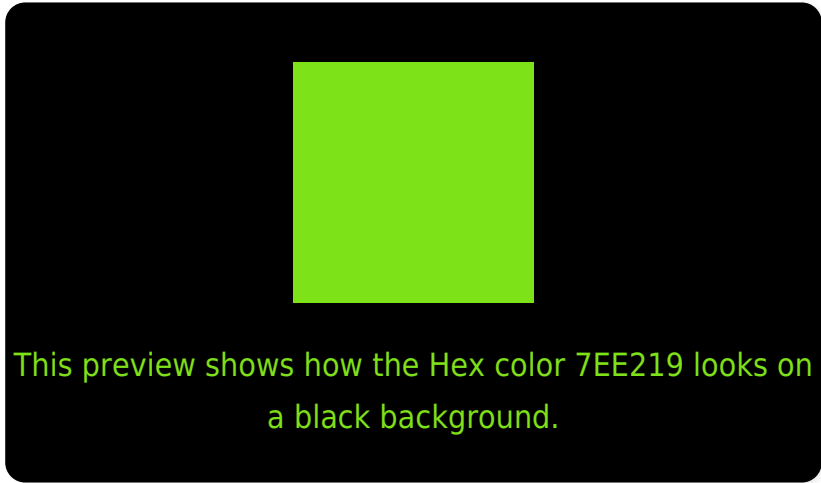
Large Text (above 18pt) WCAG AA × Fail

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 7EE219 Background



This preview shows how black text looks on a background with the Hex color 7EE219.

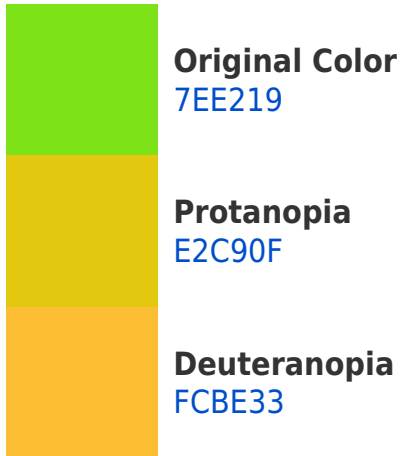


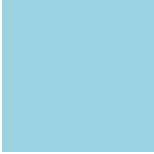
This preview shows how white text looks on a background with the Hex color 7EE219.

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
99D2E3

Trichromacy



Original Color
7EE219



Protanomaly
BED213



Deuteranomaly
CECB2A



Tritanomaly
8FD89A

Monochromacy



Original Color
7EE219



Achromatopsia
ADADAD



Achromatomaly
9CC077

CSS Examples

Text

The CSS property to change the color of the text to Hex 7EE219 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 #7EE219 looks like.

```
.text, #text, p{  
    color:#7EE219  
}
```

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 #7EE219 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EE219
}
```

Border

The CSS property to change the border of an element to Hex 7EE219 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
#7EE219 }
```

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

```
.border{ border-color:#7EE219 }
```

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

Here you see how a box with a 4 pixel #7EE219 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EE219; -webkit-box-shadow:4px 4px  
4px 4px #7EE219; box-shadow:4px 4px 4px  
4px #7EE219 }
```

Background

The CSS property to change the background color of an element to Hex 7EE219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EE219 }
```

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

```
.background{ background-color:#7EE219 }
```

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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