

Converting Colors

Hex(7CE25F)

Have a look what the booklet for
Hex(7CE25F) contains.

Hex(7CE25F)	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(7CE25F)

Conversions

Conversions Part 1

Format	Color
Hex	7CE25F
RGB	124, 226, 95
RGB Percent	49%, 89%, 37%
CMY	0.5137, 0.1137, 0.6275
CMYK	0.45, 0.00, 0.58, 0.11
HSL	107°, 69%, 63%
HSV	107°, 58%, 89%
XYZ	37.5741, 59.5040, 20.3315
YIQ	180.5680, -18.7410, -62.3650

Conversions

Conversions Part 2

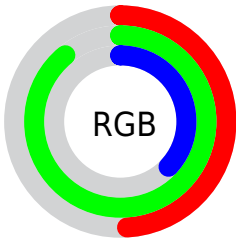
Format	Color
RYB	95, 226, 197
Decimal	8184415
CIELab	81.57, -53.59, 53.91
CIELCh	82, 76.012, 134.831
Yxy	59.5040, 0.3200, 0.5068
Android (android.graphics.Color)	4286374495 (0xFF7CE25F)
YUV	180.5680, -42.1850, -49.6101
Hunter-Lab	77.1389, -48.0462, 38.3701

Details

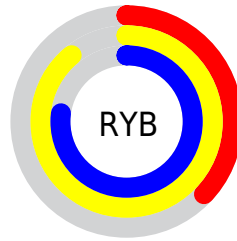
The Hex color **7CE25F** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **C55FE2**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **B6FF95**, and **40AA28** is the 20% darker color. If you saturate the color by 10%, you get **6AE248**, and if you desaturate by 10%, it is **8EE276**.

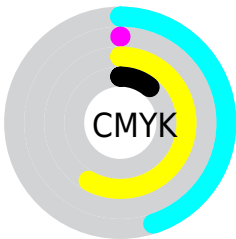
Distribution



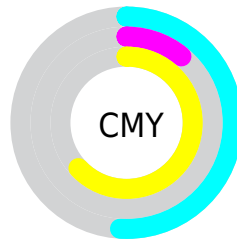
- Red (49%)
- Green (89%)
- Blue (37%)



- Red (37%)
- Yellow (89%)
- Blue (77%)



- Cyan (45%)
- Magenta (0%)
- Yellow (58%)
- Black (11%)



- Cyan (51%)
- Magenta (11%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7CE25F 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 7CE25F by changing the saturation by 10% instead.

 7CE25F

 7CE25F

FFFFFF

 5FC644

 B6FF95

 40AA28

 D4FFB1

 1A8F02

 F2FFCD

 007400

 FFFFEA

 005B00

 004200

 002C00

 000B00

 000000

 7CE25F

 7CE25F

 6AE248

 8EE276

 59E232

 9FE28C

 47E21B

 B1E2A3

 36E205

 C2E2B9

 32E200

 D4E2D0

 E6E2E7

 F7E2FD

 FFE2FF

Harmonies

Analogous

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



CED22F



7CE25F



00EAA3

Triad

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



7CE25F



00DDFF



FF88AA

Complementary

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



7CE25F



C55FE2

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.



FF8DF2



7CE25F



83C7FF

Square

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



7CE25F



00E9FF



FBA8FF



FF9D69

Rectangle

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



7CE25F



00EDD5



FBA8FF



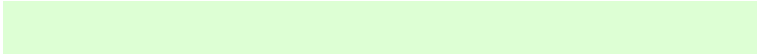
FF86C2

Sweetspot

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



7CE25F



DFFFD4



E2C35F



6C8066



000000



808080

Same Dimension

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



7CE25F



74FF4D



5FE282



677065



27B000



0B3000

Inverse Universe

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



C55FE2



D74DFF



E25FBF



6E6570



8900B0



260030

Previews

White Background



This preview shows how the Hex color 7CE25F looks on a white background.

Color Contrast Check

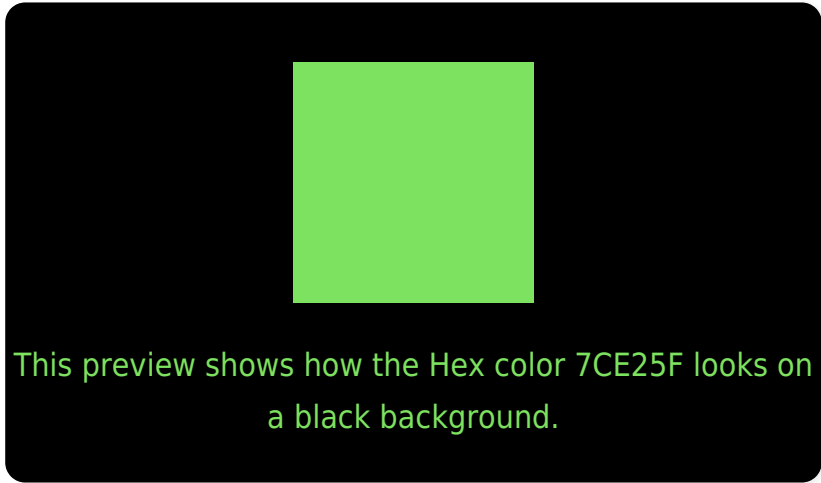
Large Text (above 18pt) WCAG AA × Fail

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 7CE25F Background



This preview shows how black text looks on a background with the Hex color 7CE25F.

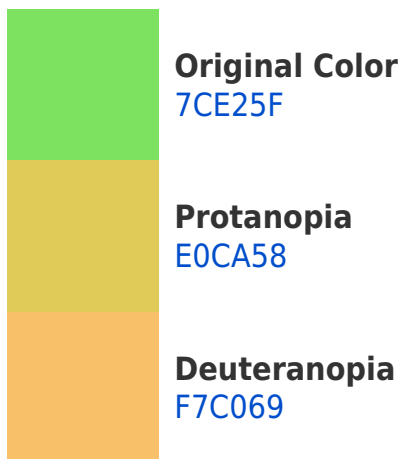


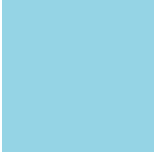
This preview shows how white text looks on a background with the Hex color 7CE25F.

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](#).

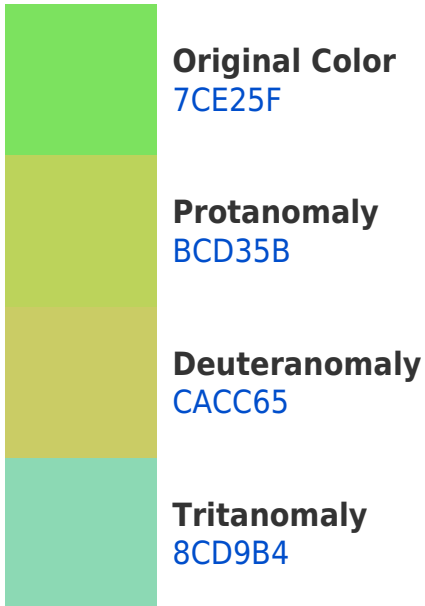
Dichromacy



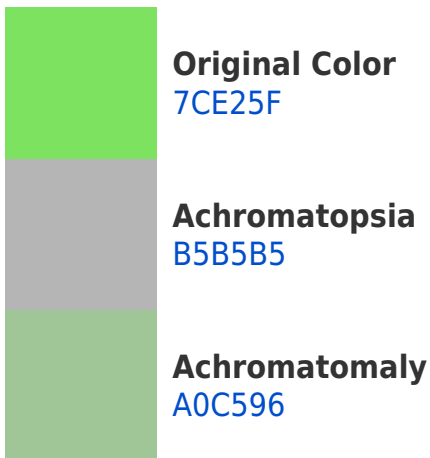


Tritanopia
95D4E5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7CE25F 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 #7CE25F looks like.

```
.text, #text, p{  
    color:#7CE25F  
}
```

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 #7CE25F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CE25F
}
```

Border

The CSS property to change the border of an element to Hex 7CE25F 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
#7CE25F }
```

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

```
.border{ border-color:#7CE25F }
```

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

Here you see how a box with a 4 pixel #7CE25F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CE25F; -webkit-box-shadow:4px 4px  
4px 4px #7CE25F; box-shadow:4px 4px 4px  
4px #7CE25F }
```

Background

The CSS property to change the background color of an element to Hex 7CE25F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CE25F }
```

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

```
.background{ background-color:#7CE25F }
```

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