

Converting Colors

Hex(7DEB5C)

Have a look what the booklet for
Hex(7DEB5C) contains.

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Color

Hex(7DEB5C)

Conversions

Conversions Part 1

Format	Color
Hex	7DEB5C
RGB	125, 235, 92
RGB Percent	49%, 92%, 36%
CMY	0.5098, 0.0784, 0.6392
CMYK	0.47, 0.00, 0.61, 0.08
HSL	106°, 78%, 64%
HSV	106°, 61%, 92%
XYZ	40.0975, 64.5493, 20.4711
YIQ	185.8080, -19.6570, -67.7930

Conversions

Conversions Part 2

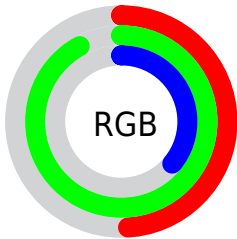
Format	Color
R_{YB}	92, 235, 202
Decimal	8252252
CIE _{Lab}	84.25, -57.12, 58.27
CIE _{LCh}	84, 81.596, 134.427
Yxy	64.5493, 0.3205, 0.5159
Android (android.graphics.Color)	4286442332 (0xFF7DEB5C)
YUV	185.8080, -46.2473, -53.3286
Hunter-Lab	80.3426, -51.5134, 41.1329

Details

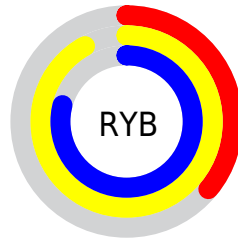
The Hex color **7DEB5C** is a dark color, and the websafe version is hex **99FF66**. The color can be described as middle muted chartreuse. A complement of this color would be **CA5CEB**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **B8FF93**, and **3FB223** is the 20% darker color. If you saturate the color by 10%, you get **6BEB45**, and if you desaturate by 10%, it is **8FEB73**.

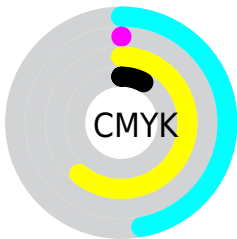
Distribution



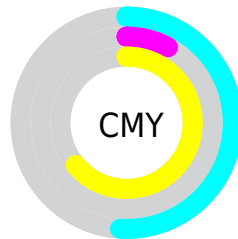
- Red (49%)
- Green (92%)
- Blue (36%)



- Red (36%)
- Yellow (92%)
- Blue (79%)



- Cyan (47%)
- Magenta (0%)
- Yellow (61%)
- Black (8%)



- Cyan (51%)
- Magenta (8%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7DEB5C 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 7DEB5C by changing the saturation by 10% instead.

 7DEB5C

 7DEB5C

FFFFFF

 5FCE41

 B8FF93

 3FB223

 D6FFAF

 149700

 F4FFCB

 007C00

 FFFFE8

 006200

 004900

 003200

 001700

 000000

 7DEB5C

 7DEB5C

 6BEB45

 8FEB73

 59EB2D

 A1EB8B

 47EB15

 B3EBA3

 36EB00

 C5EBBA

 D7EBD2

 E9EBE9

 FCEBFF

 FFEBFF

Harmonies

Analogous

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



D6DA23



7DEB5C



00F4A6

Triad

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



7DEB5C



00E6FF



FF88B0

Complementary

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



7DEB5C



CA5CEB

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.



FF8EFE



7DEB5C



7DCEFF

Square

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



7DEB5C



00F3FF



FFADFF



FFA069

Rectangle

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



7DEB5C



00F6DC



FFADFF



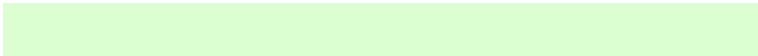
FF86CA

Sweetspot

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



7DEB5C



DCFFD1



EBCA5C



6A8063



000000



808080

Same Dimension

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



7DEB5C



70FF45



5CEB82



6C756A



2AB500



0C3600

Inverse Universe

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



CA5CEB



D445FF



EB5CC5



736A75



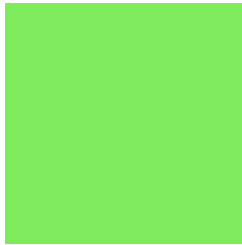
8B00B5



290036

Previews

White Background



This preview shows how the Hex color 7DEB5C 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 7DEB5C looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

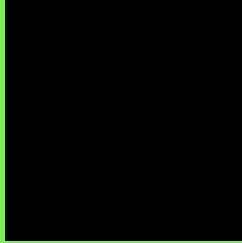
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

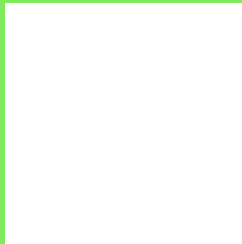
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 7DEB5C Background



This preview shows how black text looks on a background with the Hex color 7DEB5C.

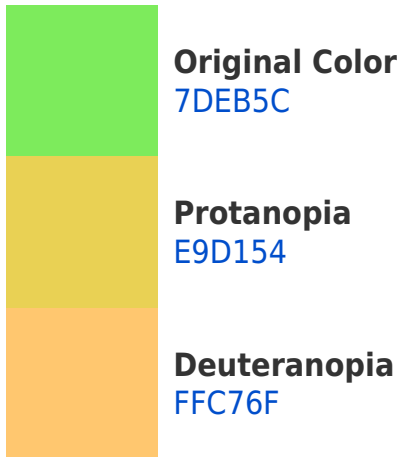


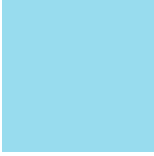
This preview shows how white text looks on a background with the Hex color 7DEB5C.

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
98DCEE

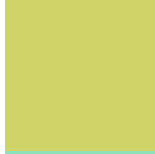
Trichromacy



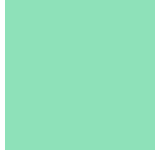
Original Color
7DEB5C



Protanomaly
C2DA57



Deuteranomaly
D0D468

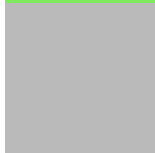


Tritanomaly
8EE1B9

Monochromacy



Original Color
7DEB5C



Achromatopsia
BABABA



Achromatomaly
A4CC98

CSS Examples

Text

The CSS property to change the color of the text to Hex 7DEB5C 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 #7DEB5C looks like.

```
.text, #text, p{  
    color:#7DEB5C  
}
```

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 #7DEB5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DEB5C
}
```

Border

The CSS property to change the border of an element to Hex 7DEB5C 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
#7DEB5C }
```

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

```
.border{ border-color:#7DEB5C }
```

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

Here you see how a box with a 4 pixel #7DEB5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DEB5C; -webkit-box-shadow:4px 4px  
4px 4px #7DEB5C; box-shadow:4px 4px 4px  
4px #7DEB5C }
```

Background

The CSS property to change the background color of an element to Hex 7DEB5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DEB5C }
```

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

```
.background{ background-color:#7DEB5C }
```

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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