

Converting Colors

Hex(7DE6A4)

Have a look what the booklet for
Hex(7DE6A4) contains.

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Color

Hex(7DE6A4)

Conversions

Conversions Part 1

Format	Color
Hex	7DE6A4
RGB	125, 230, 164
RGB Percent	49%, 90%, 64%
CMY	0.5098, 0.0980, 0.3569
CMYK	0.46, 0.00, 0.29, 0.10
HSL	142°, 68%, 70%
HSV	142°, 46%, 90%
XYZ	43.4551, 63.6339, 45.1142
YIQ	191.0810, -41.3940, -42.7860

Conversions

Conversions Part 2

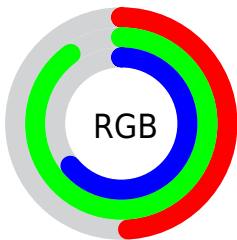
Format	Color
RYB	125, 202, 230
Decimal	8251044
CIELab	83.77, -44.88, 22.92
CIElCh	84, 50.394, 152.941
Yxy	63.6339, 0.2855, 0.4181
Android (android.graphics.Color)	4286441124 (0xFF7DE6A4)
YUV	191.0810, -13.3509, -57.9530
Hunter-Lab	79.7709, -42.3614, 22.3083

Details

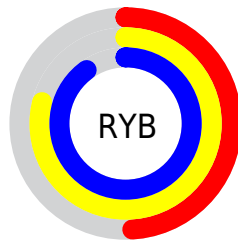
The Hex color **7DE6A4** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **E67DBF**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **B6FFDB**, and **43AE70** is the 20% darker color. If you saturate the color by 10%, you get **66E696**, and if you desaturate by 10%, it is **94E6B2**.

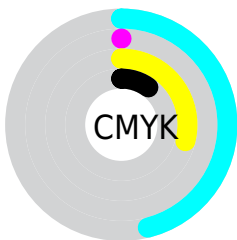
Distribution



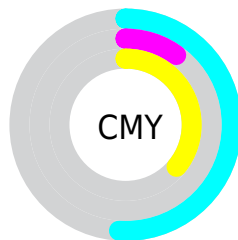
- Red (49%)
- Green (90%)
- Blue (64%)



- Red (49%)
- Yellow (79%)
- Blue (90%)



- Cyan (46%)
- Magenta (0%)
- Yellow (29%)
- Black (10%)



- Cyan (51%)
- Magenta (10%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7DE6A4 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 7DE6A4 by changing the saturation by 10% instead.

 7DE6A4

 7DE6A4

FFFFFF

 60CA8A

 B6FFDB

 43AE70

 D3FFF8

 219357

 F1FFFF

 00783F

 005F29

 004613

 002F00

 001600

 000000

 7DE6A4

 7DE6A4

 66E696

 94E6B2

 4FE687

 ABE6C1

 38E679

 C2E6CF

 21E66A

 D9E6DE

 0AE65C

 F0E6EC

 00E655

 FFE6FB

 FFE6FF

Harmonies

Analogous

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



B9DD7F



7DE6A4



19EAD4

Triad

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



7DE6A4



8ED4FF



FFB0A0

Complementary

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



7DE6A4



E67DBF

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.



FFAACE



7DE6A4



DCC3FF

Square

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



7DE6A4



00E1FF



FFB2FD



FFBF7D

Rectangle

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



7DE6A4



00E9F4



FFB2FD



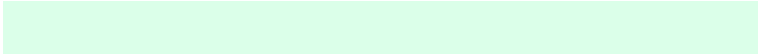
FFADA E

Sweetspot

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



7DE6A4



DBFFE9



C0E67D



6A8072



000000



808080

Same Dimension

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



7DE6A4



73FFA7



7DE6D8



67736C



00B342



003313

Inverse Universe

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



E67DBF



FF73CB



E67D8B



73676E



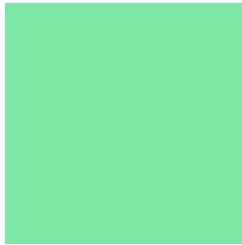
B30070



330020

Previews

White Background



This preview shows how the Hex color 7DE6A4 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 7DE6A4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

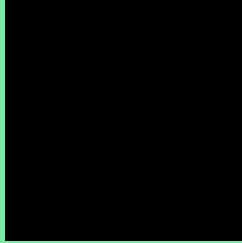
Any Text WCAG AA ✓ Pass

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 7DE6A4 Background



This preview shows how black text looks on a background with the Hex color 7DE6A4.

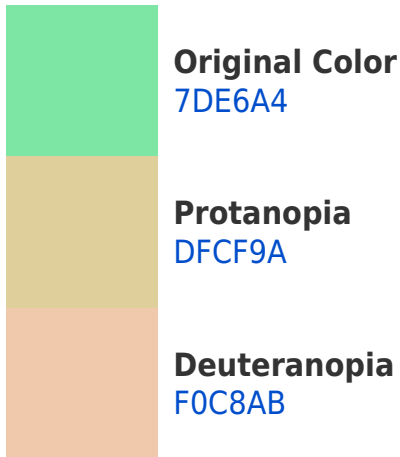


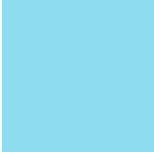
This preview shows how white text looks on a background with the Hex color 7DE6A4.

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



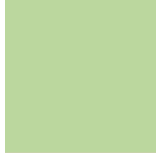


Tritanopia
8FDCEE

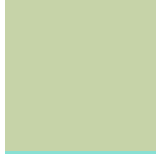
Trichromacy



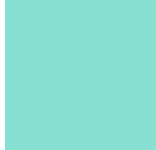
Original Color
7DE6A4



Protanomaly
BBD79E



Deuteranomaly
C6D3A8

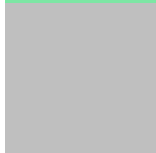


Tritanomaly
88E0D3

Monochromacy



Original Color
7DE6A4



Achromatopsia
BFBFBF



Achromatomaly
A7CDB5

CSS Examples

Text

The CSS property to change the color of the text to Hex 7DE6A4 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 #7DE6A4 looks like.

```
.text, #text, p{  
    color:#7DE6A4  
}
```

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 #7DE6A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DE6A4
}
```

Border

The CSS property to change the border of an element to Hex 7DE6A4 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
#7DE6A4 }
```

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

```
.border{ border-color:#7DE6A4 }
```

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

Here you see how a box with a 4 pixel #7DE6A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DE6A4; -webkit-box-shadow:4px 4px  
4px 4px #7DE6A4; box-shadow:4px 4px 4px  
4px #7DE6A4 }
```

Background

The CSS property to change the background color of an element to Hex 7DE6A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DE6A4 }
```

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

```
.background{ background-color:#7DE6A4 }
```

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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