

Converting Colors

Hex(DDF57B)

Have a look what the booklet for
Hex(DDF57B) contains.

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Color

Hex(DDF57B)

Conversions

Conversions Part 1

Format	Color
Hex	DDF57B
RGB	221, 245, 123
RGB Percent	87%, 96%, 48%
CMY	0.1333, 0.0392, 0.5176
CMYK	0.10, 0.00, 0.50, 0.04
HSL	72°, 86%, 72%
HSV	72°, 50%, 96%
XYZ	66.0464, 82.1070, 31.1061
YIQ	223.9160, 24.8580, -43.0300

Conversions

Conversions Part 2

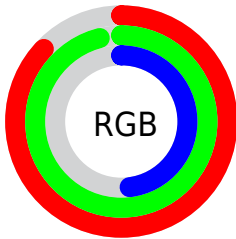
Format	Color
RYB	123, 245, 147
Decimal	14546299
CIELab	92.62, -25.33, 55.56
CIELCh	93, 61.060, 114.511
Yxy	82.1070, 0.3684, 0.4580
Android (android.graphics.Color)	4292736379 (0xFFDDDF57B)
YUV	223.9160, -49.7516, -2.5573
Hunter-Lab	90.6129, -28.4668, 43.0756

Details

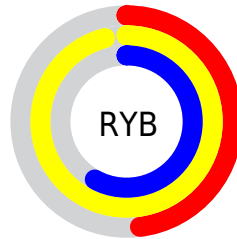
The Hex color **DDF57B** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **937BF5**, and the grayscale version is **E0E0E0**.

A 20% lighter version of the original color is **FFFFB2**, and **A4BD46** is the 20% darker color. If you saturate the color by 10%, you get **D8F562**, and if you desaturate by 10%, it is **E2F593**.

Distribution



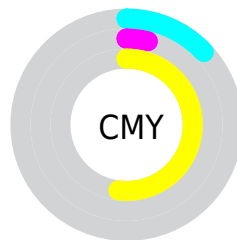
- Red (87%)
- Green (96%)
- Blue (48%)



- Red (48%)
- Yellow (96%)
- Blue (58%)



- Cyan (10%)
- Magenta (0%)
- Yellow (50%)
- Black (4%)



- Cyan (13%)
- Magenta (4%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color DDF57B 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 DDF57B by changing the saturation by 10% instead.

 DDF57B

 DDF57B

FFFFFF

 C0D960

 FFFFB2

 A4BD46

 FFFFCE

 88A22A

 FFFFEB

 6D8706

 526E00

 395600

 1D3E00

 002800

 001100

 DDF57B

 DDF57B

 D8F562

 E2F593

 D3F54A

 E7F5AC

 CFF531

 EBF5C4

 CAF519

 F0F5DD

 C5F500

 F5F5F6

 FAF5FF

 FFF5FF

Harmonies

Analogous

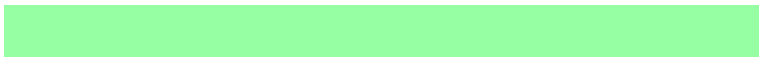
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE372



DDF57B



96FFA3

Triad

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



DDF57B



00FFFF



FFBAF7

Complementary

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



DDF57B



937BF5

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.



FFC8FF



DDF57B



68F3FF

Square

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



DDF57B



00FFFF



DEDFFF



FFBCBC

Rectangle

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



DDF57B



54FFC8



DEDFFF



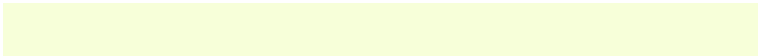
FFBDFF

Sweetspot

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



DDF57B



F7FFD9



F5917B



7B8069



000000



808080

Same Dimension

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



DDF57B



E1FF66



A2F57B



787A6E



96BA00



2F3B00

Inverse Universe

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



937BF5



8466FF



CE7BF5



716E7A



2500BA



0C003B

Previews

White Background



This preview shows how the Hex color DDF57B looks on a white background.

Color Contrast Check

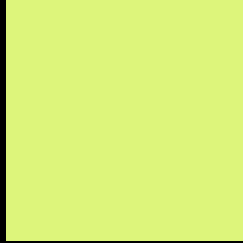
Large Text (above 18pt) WCAG AA × Fail

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 DDF57B 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 DDF57B Background



This preview shows how black text looks on a background with the Hex color DDF57B.

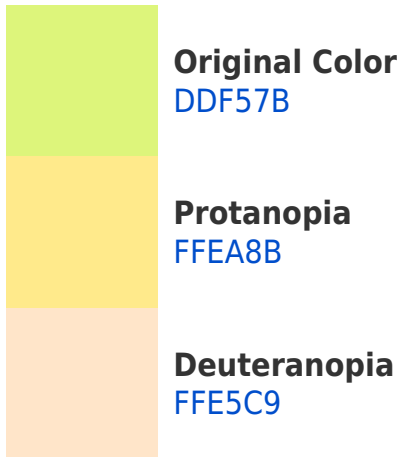


This preview shows how white text looks on a background with the Hex color DDF57B.

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



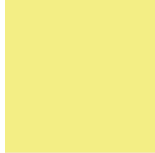


Tritanopia
ECE7F9

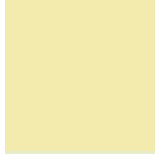
Trichromacy



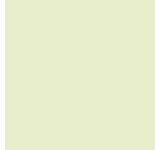
Original Color
DDF57B



Protanomaly
F3EE85



Deuteranomaly
F3EBAD

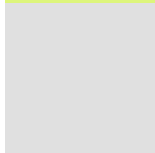


Tritanomaly
E7ECCB

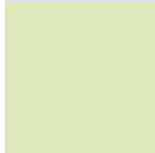
Monochromacy



Original Color
DDF57B



Achromatopsia
E0E0E0



Achromatomaly
DFE8BB

CSS Examples

Text

The CSS property to change the color of the text to Hex DDF57B 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 #DDF57B looks like.

```
.text, #text, p{  
    color:#DDF57B  
}
```

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 #DDF57B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DDF57B
}
```

Border

The CSS property to change the border of an element to Hex DDF57B 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
#DDF57B }
```

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

```
.border{ border-color:#DDF57B }
```

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

Here you see how a box with a 4 pixel #DDF57B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DDF57B; -webkit-box-shadow:4px 4px  
4px 4px #DDF57B; box-shadow:4px 4px 4px  
4px #DDF57B }
```

Background

The CSS property to change the background color of an element to Hex DDF57B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DDF57B }
```

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

```
.background{ background-color:#DDF57B }
```

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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