

Converting Colors

Hex(DDF097)

Have a look what the booklet for
Hex(DDF097) contains.

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Color

Hex(DDF097)

Conversions

Conversions Part 1

Format	Color
Hex	DDF097
RGB	221, 240, 151
RGB Percent	87%, 94%, 59%
CMY	0.1333, 0.0588, 0.4078
CMYK	0.08, 0.00, 0.37, 0.06
HSL	73°, 75%, 77%
HSV	73°, 37%, 94%
XYZ	66.5648, 79.9267, 41.1972
YIQ	224.1730, 17.2450, -31.7070

Conversions

Conversions Part 2

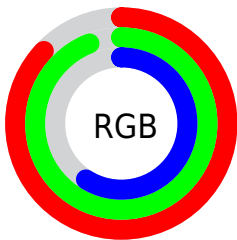
Format	Color
RYB	151, 240, 170
Decimal	14545047
CIELab	91.65, -19.99, 40.95
CIElCh	92, 45.572, 116.023
Yxy	79.9267, 0.3547, 0.4258
Android (android.graphics.Color)	4292735127 (0xFFDDDF097)
YUV	224.1730, -36.0743, -2.7827
Hunter-Lab	89.4017, -23.5494, 35.2598

Details

The Hex color **DDF097** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **AA97F0**, and the grayscale version is **E1E1E1**.

A 20% lighter version of the original color is **FFFCE**, and **A5B863** is the 20% darker color. If you saturate the color by 10%, you get **D8F07F**, and if you desaturate by 10%, it is **E2F0AF**.

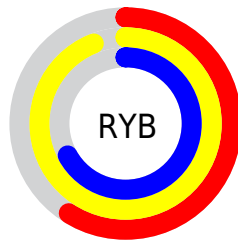
Distribution



Red (87%)

Green (94%)

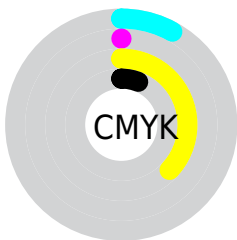
Blue (59%)



Red (59%)

Yellow (94%)

Blue (67%)

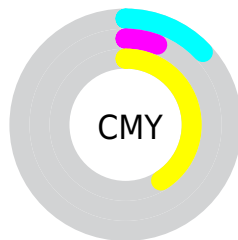


Cyan (8%)

Magenta (0%)

Yellow (37%)

Black (6%)



Cyan (13%)

Magenta (6%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color DDF097 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 DDF097 by changing the saturation by 10% instead.

 DDF097

FFFFFF

 FFFFCE

 FFFFEB

 DDF097

 C1D47C

 A5B863

 8A9D49

 6F8331

 556A17

 3C5200

 253A00

 0A2500

 000B00

 DDF097

 DDF097

 D8F07F

 E2F0AF

 D3F067

 E7F0C7

 CEF04F

 ECF0DF

 C9F037

 F1F0F7

 C3F01F

 F7F0FF

 BEF007

 FCF0FF

 BDF000

 FFF0FF

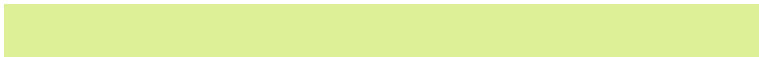
Harmonies

Analogous

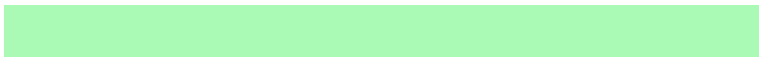
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE28F



DDF097



AAFAB5

Triad

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



DDF097



56F8FF



FFC6EF

Complementary

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



DDF097



AA97F0

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.



FFCFFF



DDF097



9FEDFF

Square

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



DDF097



3EFEFF



E4DEFF



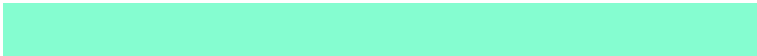
FFC8C3

Rectangle

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



DDF097



85FDD0



E4DEFF



FFC8FD

Sweetspot

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



DDF097



F9FFE3



F0A997



7C806F



000000



808080

Same Dimension

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



DDF097



E7FF8C



B2F097



75786C



90B800



2C3800

Inverse Universe

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



AA97F0



A58CFF



D597F0



6E6C78



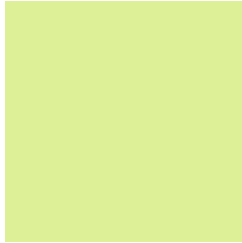
2700B8



0C0038

Previews

White Background



This preview shows how the Hex color DDF097 looks on a white background.

Color Contrast Check

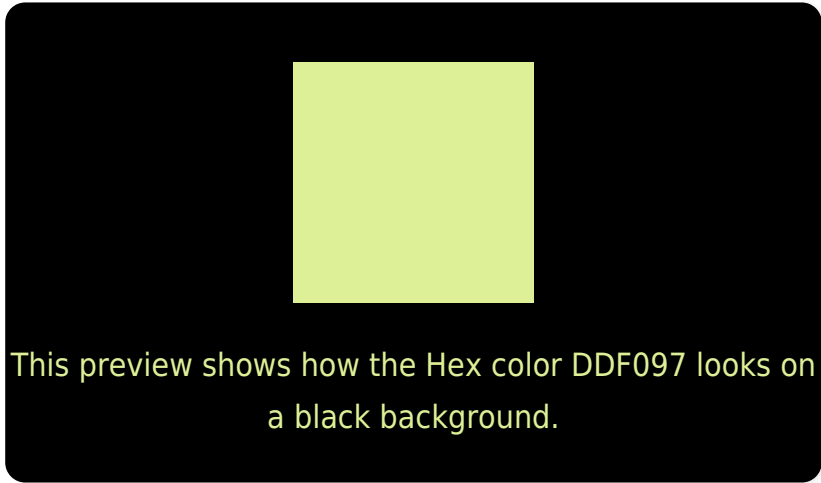
Large Text (above 18pt) WCAG AA × Fail

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

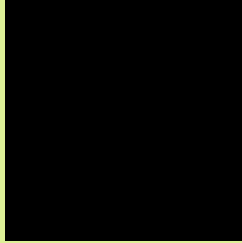
Any Text WCAG AA ✓ Pass

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 DDF097 Background



This preview shows how black text looks on a background with the Hex color DDF097.

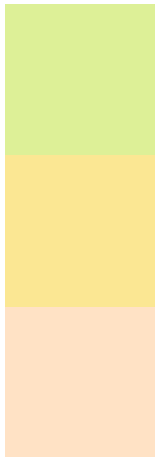


This preview shows how white text looks on a background with the Hex color DDF097.

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



Original Color
DDF097

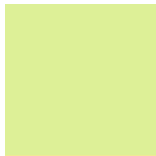
Protanopia
FBE793

Deuteranopia
FFE2C5

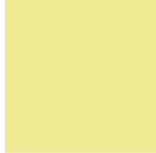


Tritanopia
E9E4F6

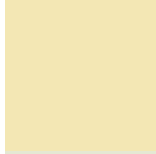
Trichromacy



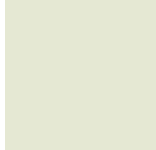
Original Color
DDF097



Protanomaly
F0EA94

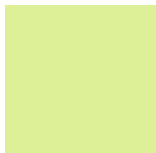


Deuteranomaly
F3E7B4

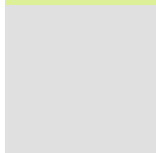


Tritanomaly
E5E8D3

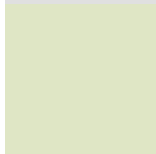
Monochromacy



Original Color
DDF097



Achromatopsia
E0E0E0



Achromatomaly
DFE6C5

CSS Examples

Text

The CSS property to change the color of the text to Hex DDF097 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 #DDF097 looks like.

```
.text, #text, p{  
    color:#DDF097  
}
```

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 #DDF097 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DDF097
}
```

Border

The CSS property to change the border of an element to Hex DDF097 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
#DDF097 }
```

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

```
.border{ border-color:#DDF097 }
```

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

Here you see how a box with a 4 pixel #DDF097 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DDF097; -webkit-box-shadow:4px 4px  
4px 4px #DDF097; box-shadow:4px 4px 4px  
4px #DDF097 }
```

Background

The CSS property to change the background color of an element to Hex DDF097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DDF097 }
```

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

```
.background{ background-color:#DDF097 }
```

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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