

Converting Colors

Hex(DCF94E)

Have a look what the booklet for
Hex(DCF94E) contains.

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Color

Hex(DCF94E)

Conversions

Conversions Part 1

Format	Color
Hex	DCF94E
RGB	220, 249, 78
RGB Percent	86%, 98%, 31%
CMY	0.1373, 0.0235, 0.6941
CMYK	0.12, 0.00, 0.69, 0.02
HSL	70°, 93%, 64%
HSV	70°, 69%, 98%
XYZ	64.7660, 83.5171, 19.9146
YIQ	220.8350, 37.6070, -59.3290

Conversions

Conversions Part 2

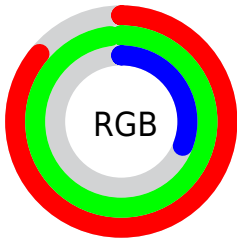
Format	Color
RYB	78, 249, 107
Decimal	14481742
CIELab	93.24, -30.88, 74.82
CIELCh	93, 80.939, 112.426
Yxy	83.5171, 0.3851, 0.4965
Android (android.graphics.Color)	4292671822 (0xFFDC94E)
YUV	220.8350, -70.4177, -0.7323
Hunter-Lab	91.3877, -33.4263, 51.0513

Details

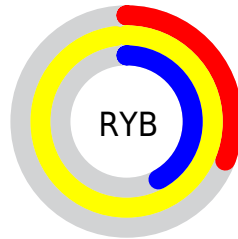
The Hex color **DCF94E** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light washed yellow. A complement of this color would be **6B4EF9**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **FFFF88**, and **A1C100** is the 20% darker color. If you saturate the color by 10%, you get **D8F935**, and if you desaturate by 10%, it is **E0F967**.

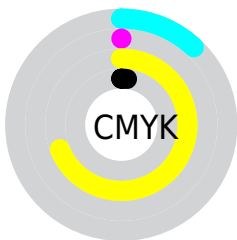
Distribution



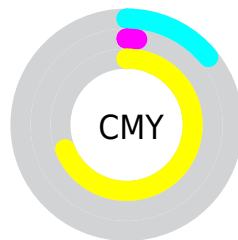
- Red (86%)
- Green (98%)
- Blue (31%)



- Red (31%)
- Yellow (98%)
- Blue (42%)



- Cyan (12%)
- Magenta (0%)
- Yellow (69%)
- Black (2%)



- Cyan (14%)
- Magenta (2%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color DCF94E 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 DCF94E by changing the saturation by 10% instead.

 DCF94E

 DCF94E

FFFFFF

 BEDC2E

 FFFF88

 A1C100

 FFFFA5

 85A500

 FFFFC2

 688B00

 FFFFDF

 4D7100

FFFFFFD

 305900

 114100

 002B00

 001300

 DCF94E

 DCF94E

 D8F935

 E0F967

 D4F91C

 E4F980

 CFF903

 E9F999

 CFF900

 EDF9B2

 F1F9CB

 F5F9E3

 FAF9FC

 FEF9FF

 FFF9FF

Harmonies

Analogous

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



FFE145



DCF94E



79FF88

Triad

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



DCF94E



00FFFF



FFA5FF

Complementary

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



DCF94E



6B4EF9

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.



FFBEFF



DCF94E



00FAFF

Square

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



DCF94E



00FFFF



CADFFF



FFA8B5

Rectangle

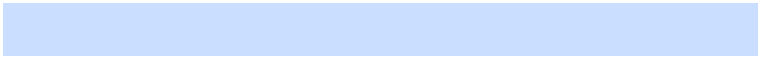
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DCF94E



00FFBA



CADFFF



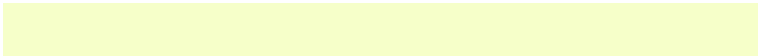
FFABFF

Sweetspot

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



DCF94E



F6FFC9



F96A4E



7A8060



000000



808080

Same Dimension

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



DCF94E



DCFF2E



87F94E



7B7D70



9DBD00



333D00

Inverse Universe

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



6B4EF9



512EFF



C04EF9



73707D



2000BD



0A003D

Previews

White Background



This preview shows how the Hex color DCF94E looks on a white background.

Color Contrast Check

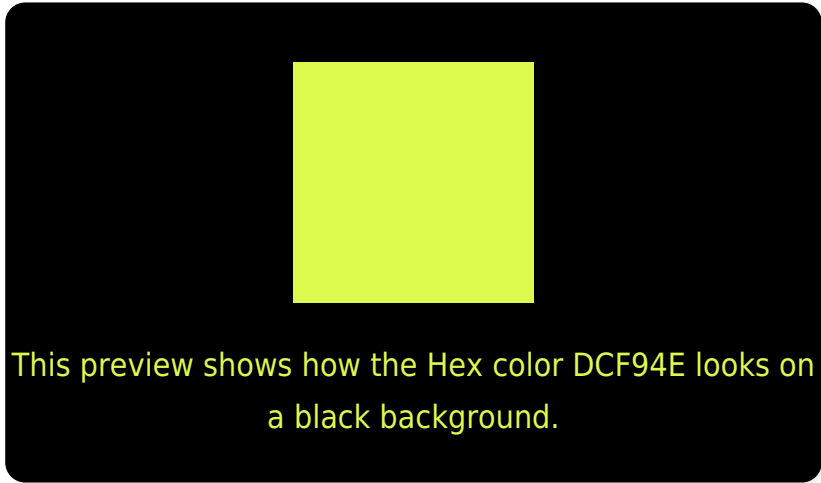
Large Text (above 18pt) WCAG AA × Fail

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 DCF94E Background



This preview shows how black text looks on a background with the Hex color DCF94E.

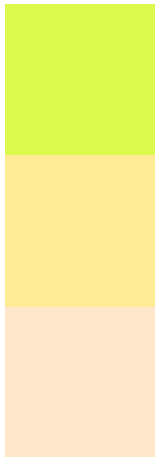


This preview shows how white text looks on a background with the Hex color DCF94E.

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
DCF94E

Protanopia
FFEB94

Deuteranopia
FFE7CB

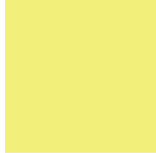


Tritanopia
EEE9FB

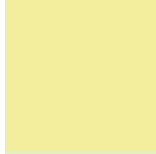
Trichromacy



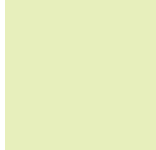
Original Color
DCF94E



Protanomaly
F2F07B



Deuteranomaly
F2EE9E

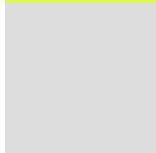


Tritanomaly
E7EFBC

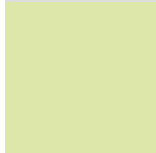
Monochromacy



Original Color
DCF94E



Achromatopsia
DDDDDD



Achromatomaly
DDE7A9

CSS Examples

Text

The CSS property to change the color of the text to Hex DCF94E 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 #DCF94E looks like.

```
.text, #text, p{  
    color:#DCF94E  
}
```

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 #DCF94E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCF94E
}
```

Border

The CSS property to change the border of an element to Hex DCF94E 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
#DCF94E }
```

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

```
.border{ border-color:#DCF94E }
```

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

Here you see how a box with a 4 pixel #DCF94E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCF94E; -webkit-box-shadow:4px 4px  
4px 4px #DCF94E; box-shadow:4px 4px 4px  
4px #DCF94E }
```

Background

The CSS property to change the background color of an element to Hex DCF94E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCF94E }
```

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

```
.background{ background-color:#DCF94E }
```

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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