

Converting Colors

Hex(DDFF64)

Have a look what the booklet for
Hex(DDFF64) contains.

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Color

Hex(DDFF64)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | DDFF64 |
| RGB | 221, 255, 100 |
| RGB Percent | 87%, 100%, 39% |
| CMY | 0.1333, 0.0000, 0.6078 |
| CMYK | 0.13, 0.00, 0.61, 0.00 |
| HSL | 73°, 100%, 70% |
| HSV | 73°, 61%, 100% |
| XYZ | 67.8790, 87.8123, 25.4284 |
| YIQ | 227.1640, 29.4910, -55.4130 |

Conversions

Conversions Part 2

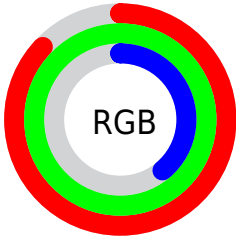
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 100, 255, 134 |
| Decimal | 14548836 |
| CIELab | 95.08, -31.87, 68.36 |
| CIELCh | 95, 75.423, 115.000 |
| Yxy | 87.8123, 0.3748, 0.4848 |
| Android (android.graphics.Color) | 4292738916 (0xFFDDFF64) |
| YUV | 227.1640, -62.6919, -5.4058 |
| Hunter-Lab | 93.7082, -34.6900, 49.5069 |

Details

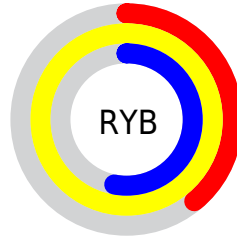
The Hex color **DDFF64** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **8664FF**, and the grayscale version is **E4E4E4**.

A 20% lighter version of the original color is **FFFF9C**, and **A3C628** is the 20% darker color. If you saturate the color by 10%, you get **D7FF4B**, and if you desaturate by 10%, it is **E3FF7D**.

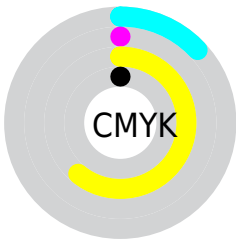
Distribution



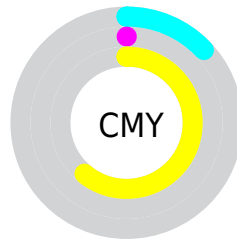
- Red (87%)
- Green (100%)
- Blue (39%)



- Red (39%)
- Yellow (100%)
- Blue (53%)



- Cyan (13%)
- Magenta (0%)
- Yellow (61%)
- Black (0%)



- Cyan (13%)
- Magenta (0%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color DDFF64 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 DDFF64 by changing the saturation by 10% instead.

 DDF64

 DDF64

FFFFFF

 C0E247

 FFFF9C

 A3C628

 FFFFB9

 86AB00

 FFFFD6

 6A9000

 FFFFF3

 4F7700

 335E00

 144600

 002F00

 001A00

 DDF64

 DDF64

 D7FF4B

 E3FF7D

 D2FF31

 E8FF97

 CCFF18

 EEFFB1

 C7FF00

 F3FFCA

 F9FFE3

FFFFFD

FFFFFF

Harmonies

Analogous

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



FFE957



DDFF64



80FF99

Triad

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



DDFF64



00FFFF



FFB1FF

Complementary

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



DDFF64



8664FF

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.



FFC5FF



DFF64



00DFF

Square

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



DDFF64



00FFFF



DFE3FF



FFB5B7

Rectangle

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



DDFF64



00FFC9



DFE3FF



FFB5FF

Sweetspot

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



DFF64



F5FD1



FF8664



798063



000000



808080

Same Dimension

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



Ddff64



D6FF45



90FF64



7D8073



95BF00



324000

Inverse Universe

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



8664FF



6E45FF



D364FF



767380



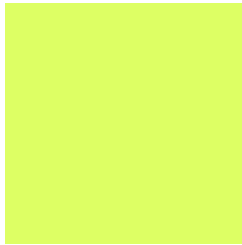
2A00BF



0E0040

Previews

White Background



This preview shows how the Hex color DDF64 looks on a white background.

Color Contrast Check

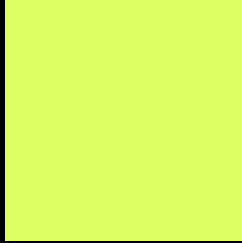
Large Text (above 18pt) WCAG AA × Fail

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 DDF64 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 DDFF64 Background



This preview shows how black text looks on a background with the Hex color DDFF64.

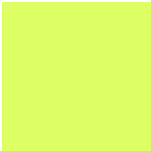




This preview shows how white text looks on a background with the Hex color DDFF64.

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](#).

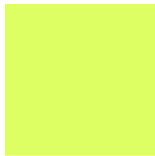
Dichromacy

| | |
|---|--------------------------------|
|  | Original Color DFF64 |
|  | Protanopia FF1B7 |
|  | Deuteranopia FFEDA |

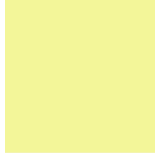


Tritanopia
EFEFFF

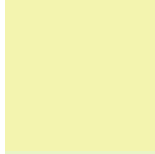
Trichromacy



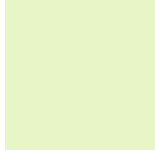
Original Color
DFF64



Protanomaly
F3F699



Deuteranomaly
F3F4AF

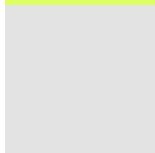


Tritanomaly
E8F5C7

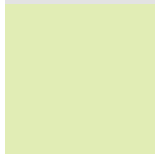
Monochromacy



Original Color
DFF64



Achromatopsia
E3E3E3



Achromatomaly
E1EDB5

CSS Examples

Text

The CSS property to change the color of the text to Hex DDFF64 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 #DDFF64 looks like.

```
.text, #text, p{  
    color:#DDFF64  
}
```

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 #DDFF64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DDFF64
}
```

Border

The CSS property to change the border of an element to Hex DDFF64 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
#DDFF64 }
```

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

```
.border{ border-color:#DDFF64 }
```

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

Here you see how a box with a 4 pixel #DDFF64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DDFF64; -webkit-box-shadow:4px 4px  
4px 4px #DDFF64; box-shadow:4px 4px 4px  
4px #DDFF64 }
```

Background

The CSS property to change the background color of an element to Hex DDF64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DDFF64 }
```

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

```
.background{ background-color:#DDFF64 }
```

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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