

# Converting Colors

Hex(DFFE65)

Have a look what the booklet for  
Hex(DFFE65) contains.

<b>Hex(DFFE65)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(**DFFE65**)

# Conversions

## Conversions Part 1

Format	Color
Hex	DFFE65
RGB	223, 254, 101
RGB Percent	87%, 100%, 40%
CMY	0.1255, 0.0039, 0.6039
CMYK	0.12, 0.00, 0.60, 0.00
HSL	72°, 99%, 70%
HSV	72°, 60%, 100%
XYZ	68.2222, 87.5112, 25.6076
YIQ	227.2890, 30.6370, -54.1550

# Conversions

## Conversions Part 2

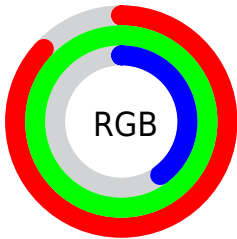
<b>Format</b>	<b>Color</b>
<b>RYB</b>	101, 254, 132
Decimal	14679653
CIELab	94.95, -30.58, 67.85
CIELCh	95, 74.420, 114.258
Yxy	87.5112, 0.3762, 0.4826
Android (android.graphics.Color)	4292869733 (0xFFDFFE65)
YUV	227.2890, -62.2605, -3.7615
Hunter-Lab	93.5474, -33.5316, 49.2532

# Details

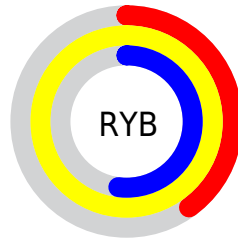
The Hex color **DFFE65** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **8465FE**, and the grayscale version is **E4E4E4**.

A 20% lighter version of the original color is **FFFF9D**, and **A5C52A** is the 20% darker color. If you saturate the color by 10%, you get **DAFE4C**, and if you desaturate by 10%, it is **E4FE7E**.

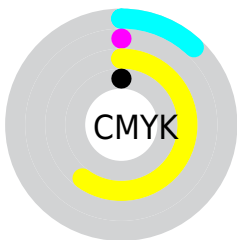
# Distribution



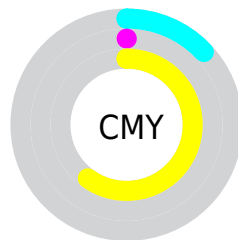
- Red (87%)
- Green (100%)
- Blue (40%)



- Red (40%)
- Yellow (100%)
- Blue (52%)



- Cyan (12%)
- Magenta (0%)
- Yellow (60%)
- Black (0%)



- Cyan (13%)
- Magenta (0%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DFFE65 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 DFFE65 by changing the saturation by 10% instead.



 DFFE65

 DFFE65

FFFFFF

 C2E149

 FFFF9D

 A5C52A

 FFFFBA

 88AA00

 FFFFD7

 6C8F00

 FFFFF4

 517600

 355D00

 184500

 002E00

 001A00

 DFFE65

 DFFE65

 DAFE4C

 E4FE7E

 D5FE32

 E9FE98

 D0FE19

 EEFE81

 CBFE00

 F4FECB

 F9FEE4

 FEFEFD

 FFFEFF

# Harmonies

## Analogous

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



FFE85A



DFFE65



85FF99

# Triad

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



DFFE65



00FFFF



FFB2FF

# Complementary

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



DFFE65



8465FE

# 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.



FFC6FF



DFFE65



00DFF

# Square

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



DFFE65



00FFFF



DDE3FF



FFB6B9

# Rectangle

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



DFFE65



00FC7



DDE3FF



FFB6FF

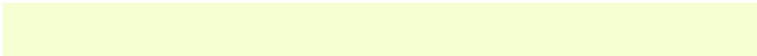


# Sweetspot

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



DFFE65



F6FFD1



FE8465



7A8063



000000



808080



# Same Dimension

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



DFFE65



DAFF47



93FE65



7D8073



98BF00



334000



# Inverse Universe

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



8465FE



6D47FF



D065FE



757380



2700BF

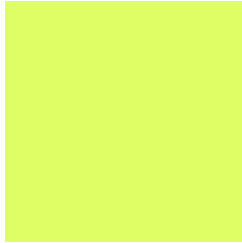


0D0040



# Previews

## White Background



This preview shows how the Hex color DFFE65 looks on a white background.

## Color Contrast Check

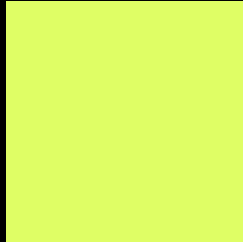
Large Text (above 18pt) WCAG AA × Fail

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 DFFE65 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

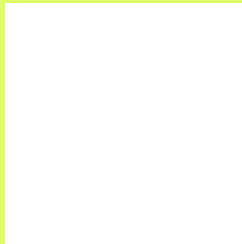
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DFFE65 Background



This preview shows how black text looks on a background with the Hex color DFFE65.

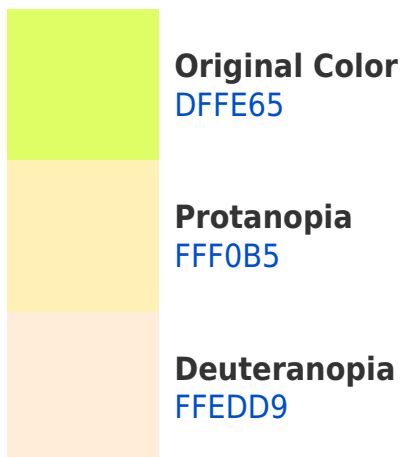


This preview shows how white text looks on a background with the Hex color DFFE65.

# Color Blindness Simulation

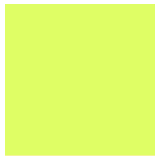
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

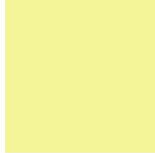




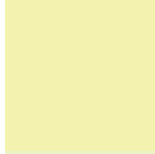
# Trichromacy



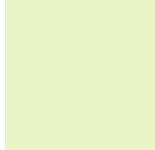
**Original Color**  
DFFE65



**Protanomaly**  
F3F598



**Deuteranomaly**  
F3F3AF

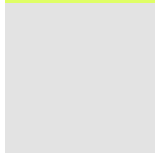


**Tritanomaly**  
EAF4C7

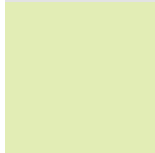
# Monochromacy



**Original Color**  
DFFE65



**Achromatopsia**  
E3E3E3



**Achromatomaly**  
E2EDB5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DFFE65 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 #DFFE65 looks like.

```
.text, #text, p{  
    color:#DFFE65  
}
```

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 #DFFE65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DFFE65  
}
```

## Border

The CSS property to change the border of an element to Hex DFFE65 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  
#DFFE65 }
```

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

```
.border{ border-color:#DFFE65 }
```

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

Here you see how a box with a 4 pixel #DFFE65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DFFE65; -webkit-box-shadow:4px 4px  
4px 4px #DFFE65; box-shadow:4px 4px 4px  
4px #DFFE65 }
```

# Background

The CSS property to change the background color of an element to Hex DFFE65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DFFE65 }
```

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

```
.background{ background-color:#DFFE65 }
```

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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