

# Converting Colors

Hex(DFE76E)

Have a look what the booklet for  
Hex(DFE76E) contains.

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# **Color**

**Hex(DFE76E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DFE76E
RGB	223, 231, 110
RGB Percent	87%, 91%, 43%
CMY	0.1255, 0.0941, 0.5686
CMYK	0.03, 0.00, 0.52, 0.09
HSL	64°, 72%, 67%
HSV	64°, 52%, 91%
XYZ	61.8218, 73.9656, 25.7703
YIQ	214.8140, 34.0730, -39.3270

# Conversions

## Conversions Part 2

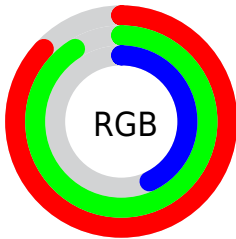
Format	Color
<a href="#">RYB</a>	<a href="#">110, 231, 118</a>
Decimal	<a href="#">14673774</a>
CIELab	<a href="#">88.91, -18.97, 57.16</a>
CIELCh	<a href="#">89, 60.224, 108.356</a>
Yxy	<a href="#">73.9656, 0.3827, 0.4578</a>
Android (android.graphics.Color)	<a href="#">4292863854 (0xFFDFE76E)</a>
YUV	<a href="#">214.8140, -51.6733, 7.1791</a>
Hunter-Lab	<a href="#">86.0033, -22.1943, 42.4364</a>

# Details

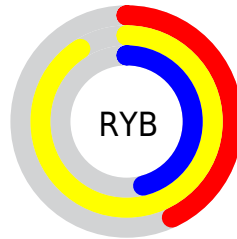
The Hex color **DFE76E** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **766EE7**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **FFFA5**, and **A5B038** is the 20% darker color. If you saturate the color by 10%, you get **DDE757**, and if you desaturate by 10%, it is **E1E785**.

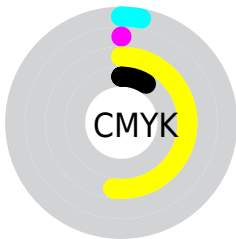
# Distribution



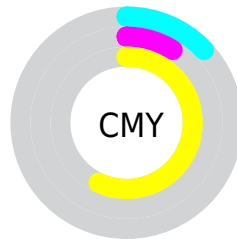
- Red (87%)
- Green (91%)
- Blue (43%)



- Red (43%)
- Yellow (91%)
- Blue (46%)



- Cyan (3%)
- Magenta (0%)
- Yellow (52%)
- Black (9%)



- Cyan (13%)
- Magenta (9%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DFE76E 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 DFE76E by changing the saturation by 10% instead.



 DFE76E

 DFE76E

FFFFFF

 C2CB53

 FFFFA5

 A5B038

 FFFFC1

 8A951A

 FFFFDD

 6E7B00

 FFFFFB

 546200

 3A4B00

 203400

 001F00

 000000

 DFE76E

 DFE76E

 DDE757

 E1E785

 DCE740

 E2E79C

 DAE729

 E4E7B3

 D9E712

 E5E7CA

 D8E700

 E7E7E2

 E8E7F9

 EAE7FF

 EBE7FF

 EDE7FF

# Harmonies

## Analogous

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



FFD46D



DFE76E



9DF490

# Triad

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



DFE76E



00F8FF



FFB2F8

# Complementary

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



DFE76E



766EE7

# 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.



FFC3FF



DFE76E



2DECFE

# Square

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



DFE76E



00DFFF



C0D9FF



FFB1BE

# Rectangle

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



DFE76E



63FAB3



C0D9FF



FFB6FF

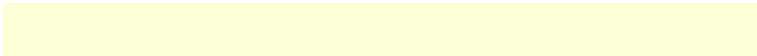


# Sweetspot

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



DFE76E



FCFFD6



E7746E



7E8067



000000



808080



# Same Dimension

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



DFE76E



F4FF5E



A4E76E



727367



A7B300



303300



# Inverse Universe

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



766EE7



695EFF



B16EE7



686773



0C00B3



030033



# Previews

## White Background



This preview shows how the Hex color DFE76E looks on a white background.

## Color Contrast Check

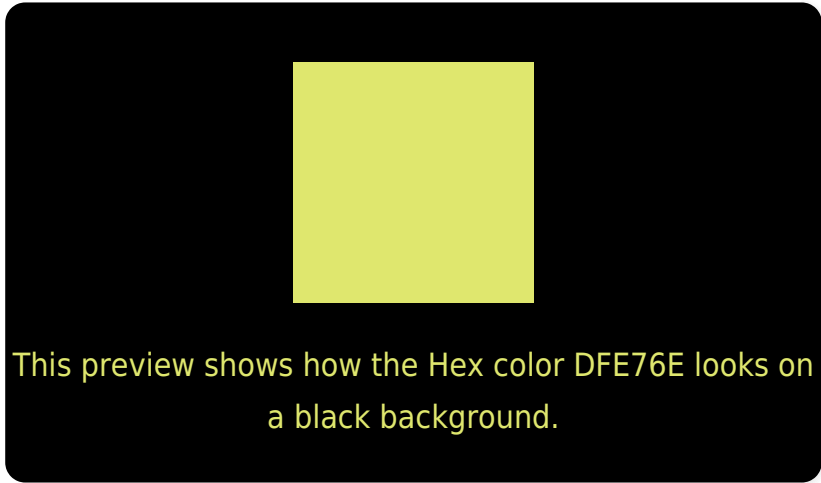
Large Text (above 18pt) WCAG AA × Fail

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 DFE76E Background



This preview shows how black text looks on a background with the Hex color DFE76E.

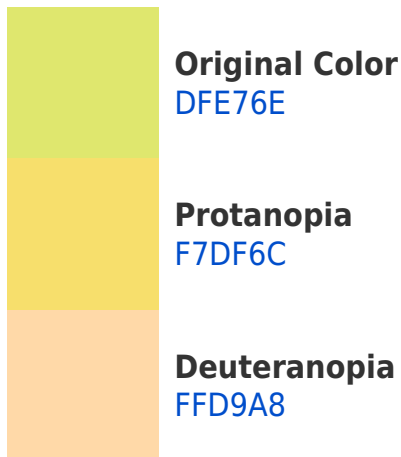


This preview shows how white text looks on a background with the Hex color DFE76E.

# 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](#).

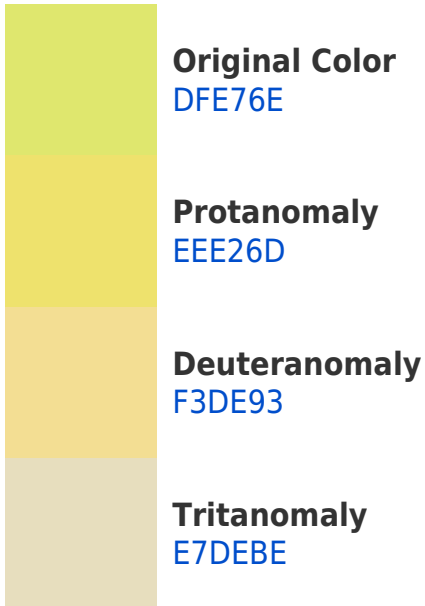
## Dichromacy





**Tritanopia**  
ECD9EB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DFE76E 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 #DFE76E looks like.

```
.text, #text, p{  
    color:#DFE76E  
}
```

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 #DFE76E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DFE76E
}
```

## Border

The CSS property to change the border of an element to Hex DFE76E 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
#DFE76E }
```

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

```
.border{ border-color:#DFE76E }
```

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

Here you see how a box with a 4 pixel #DFE76E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DFE76E; -webkit-box-shadow:4px 4px  
4px 4px #DFE76E; box-shadow:4px 4px 4px  
4px #DFE76E }
```

# Background

The CSS property to change the background color of an element to Hex DFE76E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DFE76E }
```

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

```
.background{ background-color:#DFE76E }
```

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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