

# Converting Colors

Hex(DFE26C)

Have a look what the booklet for  
Hex(DFE26C) contains.

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# **Color**

**Hex(DFE26C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DFE26C
RGB	223, 226, 108
RGB Percent	87%, 89%, 42%
CMY	0.1255, 0.1137, 0.5765
CMYK	0.01, 0.00, 0.52, 0.11
HSL	62°, 67%, 65%
HSV	62°, 52%, 89%
XYZ	60.3346, 71.1634, 24.7433
YIQ	211.6510, 36.0900, -37.3340

# Conversions

## Conversions Part 2

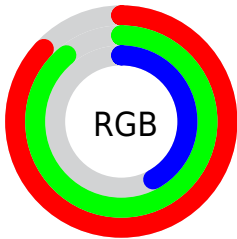
Format	Color
<b>RYB</b>	108, 226, 111
Decimal	14672492
CIELab	87.56, -16.68, 56.51
CIELCh	88, 58.923, 106.448
Yxy	71.1634, 0.3862, 0.4555
Android (android.graphics.Color)	4292862572 (0xFFDFE26C)
YUV	211.6510, -51.0999, 9.9531
Hunter-Lab	84.3584, -19.9610, 41.6604

# Details

The Hex color **DFE26C** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **6F6CE2**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **FFFA2**, and **A5AB36** is the 20% darker color. If you saturate the color by 10%, you get **DEE255**, and if you desaturate by 10%, it is **E0E283**.

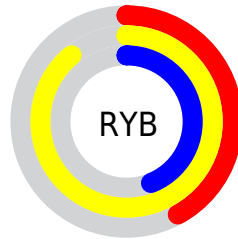
# Distribution



Red (87%)

Green (89%)

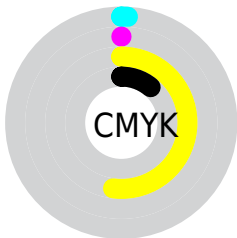
Blue (42%)



Red (42%)

Yellow (89%)

Blue (44%)

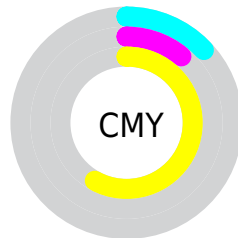


Cyan (1%)

Magenta (0%)

Yellow (52%)

Black (11%)



Cyan (13%)

Magenta (11%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DFE26C 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 DFE26C by changing the saturation by 10% instead.



 DFE26C

 DFE26C

FFFFFF

 C2C651

 FFFFA2

 A5AB36

 FFFFBE

 8A9019

 FFFFDB

 6E7700

 FFFFF8

 545E00

 3A4700

 203000

 001C00

 000000

 DFE26C

 DFE26C

 DEE255

 E0E283

 DEE23F

 E0E299

 DDE228

 E1E2B0

 DDE212

 E1E2C6

 DCE200

 E2E2DD

 E2E2F4

 E3E2FF

 E4E2FF

# Harmonies

## Analogous

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



FFCF6D



DFE26C



9FEF8C

# Triad

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



DFE26C



00F4FF



FFB0F7

# Complementary

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



DFE26C



6F6CE2

# 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.



FFC1FF



DFE26C



1AE9FF

# Square

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



DFE26C



00F8F9



B7D7FF



FFAEBF

# Rectangle

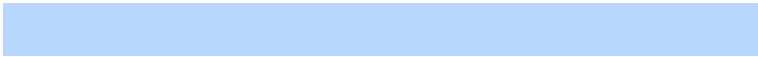
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DFE26C



69F5AD



B7D7FF



FFB4FF



# Sweetspot

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



DFE26C



FEFFD6



E26E6C



7F8067



000000



808080



# Same Dimension

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



DFE26C



FBFF5E



A5E26C



707065



ABB000



2F3000



# Inverse Universe

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



6F6CE2



625EFF



A96CE2



656570



0400B0

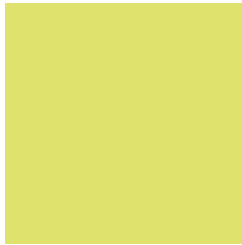


010030



# Previews

## White Background



This preview shows how the Hex color DFE26C looks on a white background.

## Color Contrast Check

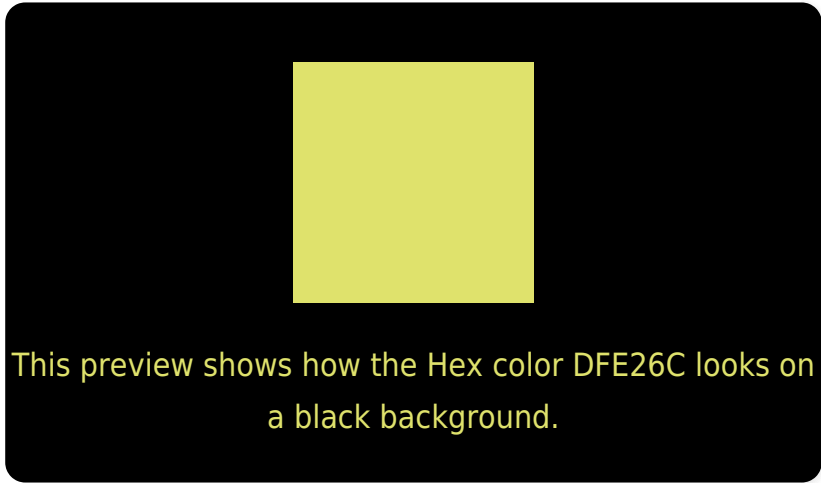
Large Text (above 18pt) WCAG AA × Fail

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 DFE26C Background



This preview shows how black text looks on a background with the Hex color DFE26C.

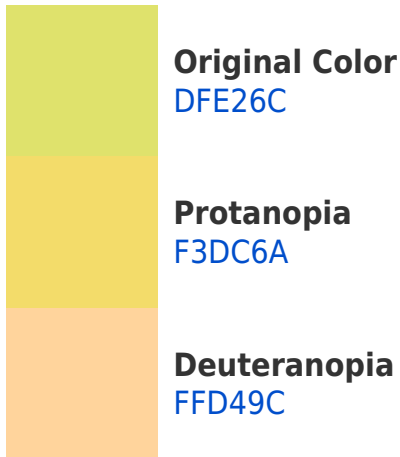


This preview shows how white text looks on a background with the Hex color DFE26C.

# 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](#).

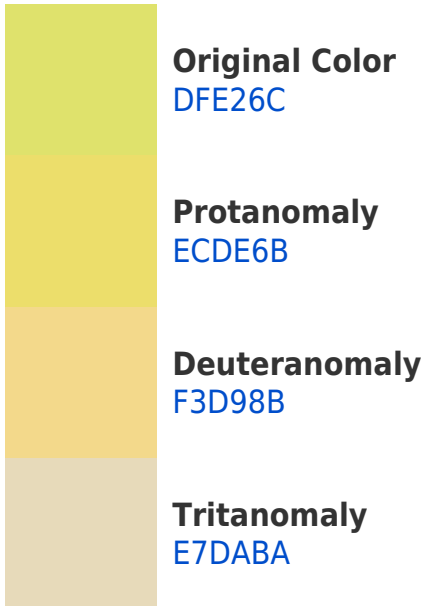
## Dichromacy



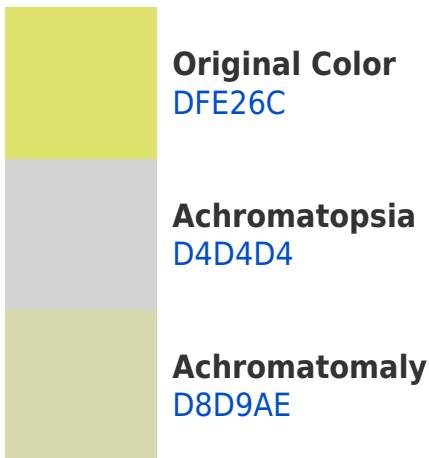


**Tritanopia**  
ECD5E6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DFE26C 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 #DFE26C looks like.

```
.text, #text, p{  
    color:#DFE26C  
}
```

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 #DFE26C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DFE26C
}
```

## Border

The CSS property to change the border of an element to Hex DFE26C 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
#DFE26C }
```

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

```
.border{ border-color:#DFE26C }
```

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

Here you see how a box with a 4 pixel #DFE26C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DFE26C; -webkit-box-shadow:4px 4px  
4px 4px #DFE26C; box-shadow:4px 4px 4px  
4px #DFE26C }
```

# Background

The CSS property to change the background color of an element to Hex DFE26C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DFE26C }
```

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

```
.background{ background-color:#DFE26C }
```

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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