

# Converting Colors

Hex(DBDE2F)

Have a look what the booklet for  
Hex(DBDE2F) contains.

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# **Color**

**Hex(DBDE2F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DBDE2F
RGB	219, 222, 47
RGB Percent	86%, 87%, 18%
CMY	0.1412, 0.1294, 0.8157
CMYK	0.01, 0.00, 0.79, 0.13
HSL	61°, 73%, 53%
HSV	61°, 79%, 87%
XYZ	55.8478, 67.5079, 12.7762
YIQ	201.1530, 54.3870, -55.0610

# Conversions

## Conversions Part 2

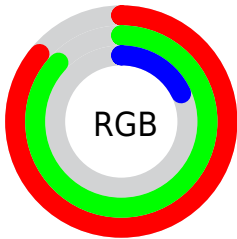
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	47, 222, 50
Decimal	14409263
CIE Lab	85.76, -19.83, 77.53
CIE LCh	86, 80.031, 104.349
Yxy	67.5079, 0.4102, 0.4959
Android (android.graphics.Color)	4292599343 (0xFFDBDE2F)
YUV	201.1530, -75.9974, 15.6518
Hunter-Lab	82.1632, -22.4559, 48.2948

# Details

The Hex color **DBDE2F** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **322FDE**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FFFF6D**, and **A0A700** is the 20% darker color. If you saturate the color by 10%, you get **DBDE19**, and if you desaturate by 10%, it is **DBDE45**.

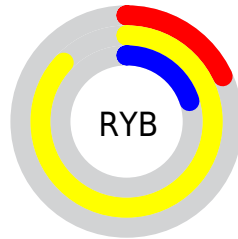
# Distribution



Red (86%)

Green (87%)

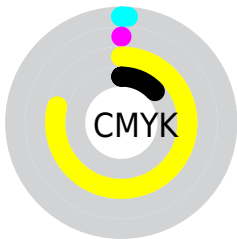
Blue (18%)



Red (18%)

Yellow (87%)

Blue (20%)

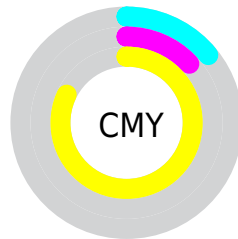


Cyan (1%)

Magenta (0%)

Yellow (79%)

Black (13%)



Cyan (14%)

Magenta (13%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DBDE2F 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 DBDE2F by changing the saturation by 10% instead.



 DBDE2F

 DBDE2F

FFFFFF

 BDC200

 FFFF6D

 A0A700

 FFFF8A

 838D00

 FFFFA6

 677300

 FFFFC4

 4B5B00

 FFFFE1

 304400

 162D00

 001B00

 000000

 DBDE2F

 DBDE2F

 DBDE19

 DBDE45

 DADE03

 DCDE5B

 DADE00

 DCDE72

 DDDE88

 DDDE9E

 DDDEB4

 DEDECA

 DEDEE1

 DEDEF7

# Harmonies

## Analogous

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



FFC439



DBDE2F



84EF63

# Triad

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



DBDE2F



00F7FF



FF95FF

# Complementary

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



DBDE2F



322FDE

# 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.



FFB2FF



DBDE2F



00EAFB

# Square

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



DBDE2F



00FBFA



86D2FF



FF8FB5

# Rectangle

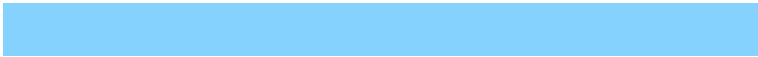
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DBDE2F



00F691



86D2FF



FF9DFF



# Sweetspot

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



DBDE2F



FEFFC2



DE322F



7F805B



000000



808080



# Same Dimension

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



DBDE2F



FBFF0D



84DE2F



707065



ADB000



303000



# Inverse Universe

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



322FDE



110DFF



892FDE



656570



0300B0

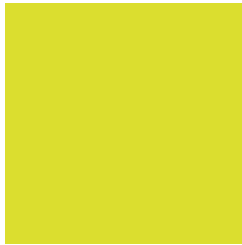


010030



# Previews

## White Background



This preview shows how the Hex color DBDE2F looks on a white background.

## Color Contrast Check

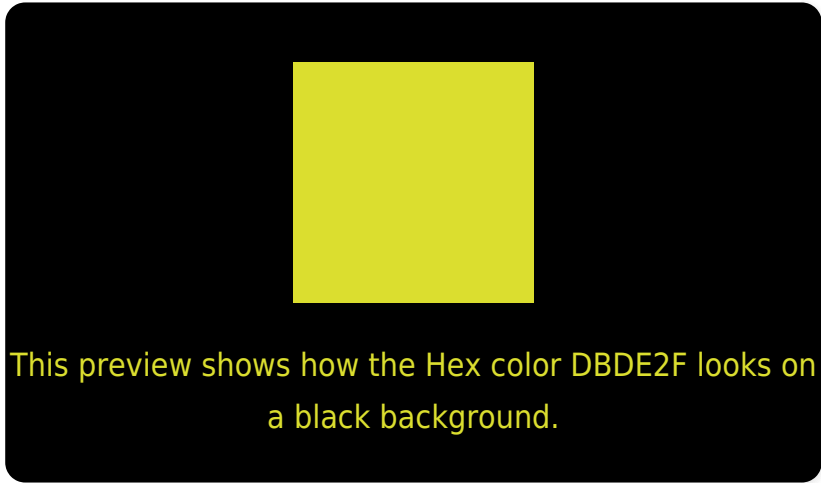
Large Text (above 18pt) WCAG AA × Fail

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 DBDE2F Background



This preview shows how black text looks on a background with the Hex color DBDE2F.

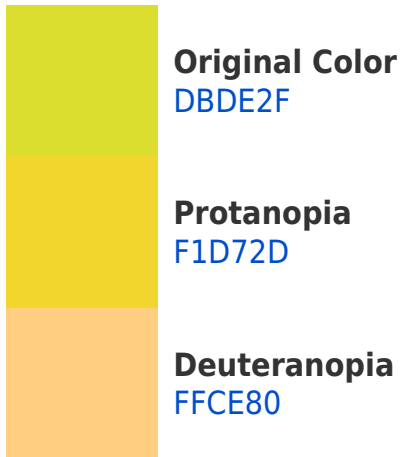


This preview shows how white text looks on a background with the Hex color DBDE2F.

# 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](#).

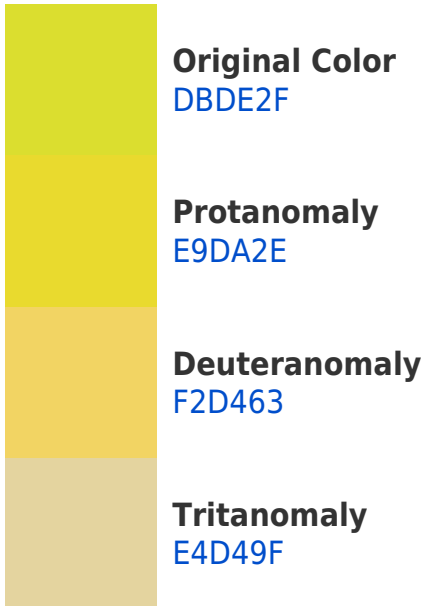
## Dichromacy





**Tritanopia**  
E9CFDF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DBDE2F 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 #DBDE2F looks like.

```
.text, #text, p{  
    color:#DBDE2F  
}
```

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 #DBDE2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBDE2F
}
```

## Border

The CSS property to change the border of an element to Hex DBDE2F 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
#DBDE2F }
```

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

```
.border{ border-color:#DBDE2F }
```

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

Here you see how a box with a 4 pixel #DBDE2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBDE2F; -webkit-box-shadow:4px 4px  
4px 4px #DBDE2F; box-shadow:4px 4px 4px  
4px #DBDE2F }
```

# Background

The CSS property to change the background color of an element to Hex DBDE2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBDE2F }
```

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

```
.background{ background-color:#DBDE2F }
```

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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