

# Converting Colors

Hex(DBDE0F)

Have a look what the booklet for  
Hex(DBDE0F) contains.

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**Color**

**Hex(DBDE0F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DBDE0F
RGB	219, 222, 15
RGB Percent	86%, 87%, 6%
CMY	0.1412, 0.1294, 0.9412
CMYK	0.01, 0.00, 0.93, 0.13
HSL	61°, 87%, 46%
HSV	61°, 93%, 87%
XYZ	55.4209, 67.3371, 10.5283
YIQ	197.5050, 64.6590, -65.0130

# Conversions

## Conversions Part 2

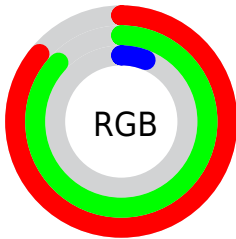
Format	Color
<a href="#">RYB</a>	<a href="#">15, 222, 18</a>
Decimal	<a href="#">14409231</a>
CIELab	<a href="#">85.67, -20.53, 83.50</a>
CIELCh	<a href="#">86, 85.990, 103.815</a>
Yxy	<a href="#">67.3371, 0.4158, 0.5052</a>
Android (android.graphics.Color)	<a href="#">4292599311</a> ( <a href="#">0xFFDBDE0F</a> )
YUV	<a href="#">197.5050, -89.9750, 18.8511</a>
Hunter-Lab	<a href="#">82.0592, -23.0487, 49.8344</a>

# Details

The Hex color **DBDE0F** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **120FDE**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **FFFF5D**, and **9FA700** is the 20% darker color. If you saturate the color by 10%, you get **DBDE00**, and if you desaturate by 10%, it is **DBDE25**.

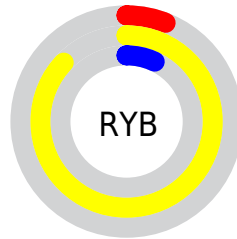
# Distribution



Red (86%)

Green (87%)

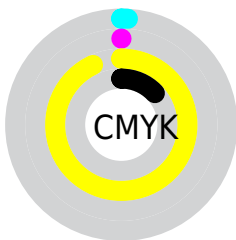
Blue (6%)



Red (6%)

Yellow (87%)

Blue (7%)

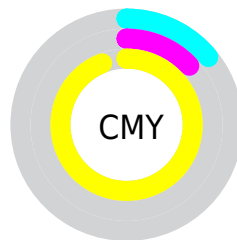


Cyan (1%)

Magenta (0%)

Yellow (93%)

Black (13%)



Cyan (14%)

Magenta (13%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DBDE0F 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 DBDE0F by changing the saturation by 10% instead.



 DBDE0F

 DBDE0F

FFFFFF

 BDC200

 FFFF5D

 9FA700

 FFFF7A

 828D00

 FFFF98

 667400

 FFFFB5

 4A5B00

 FFFFD3

 2F4400

 FFFFF1

 142D00

 001B00

 000000

 DBDE0F

 DBDE0F

 DBDE00

 DBDE25

 DCDE3B

 DCDE52

 DCDE68

 DDDE7E

 DDDE94

 DDDEAA

 DEDEC1

 DEDED7

# Harmonies

## Analogous

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



FFC226



DBDE0F



7DF057

# Triad

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



DBDE0F



00F9FF



FF8DFF

# Complementary

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



DBDE0F



120FDE

# 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.



FFAFFF



DBDE0F



00ECFF

# Square

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



DBDE0F



00FCFB



72D3FF



FF86B4

# Rectangle

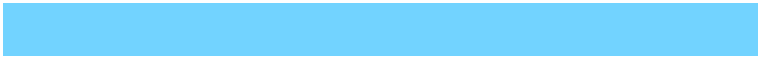
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DBDE0F



00F78A



72D3FF



FF97FF



# Sweetspot

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



DBDE0F



FEFFB8



DE0F0F



7F8054



000000



808080



# Same Dimension

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



DBDE0F



FBFF00



77DE0F



707065



ADB000



303000



# Inverse Universe

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



120FDE



0400FF



770FDE



656570



0300B0

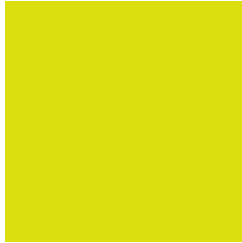


010030



# Previews

## White Background



This preview shows how the Hex color DBDE0F looks on a white background.

## Color Contrast Check

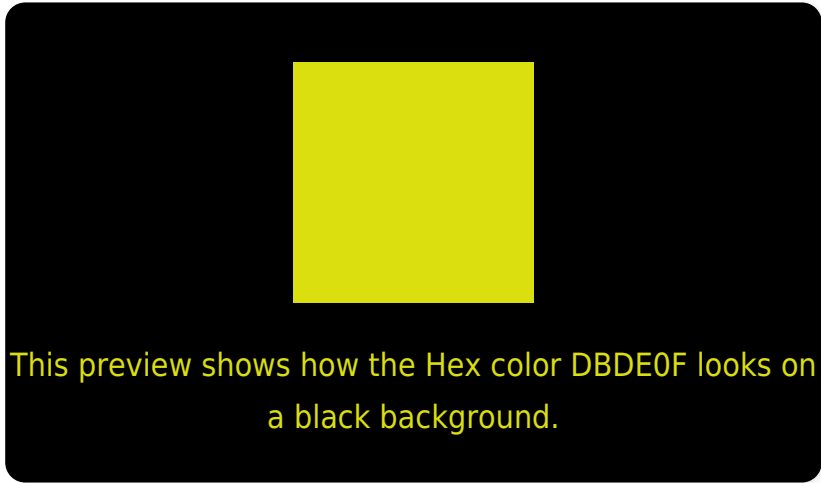
Large Text (above 18pt) WCAG AA × Fail

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 DBDE0F Background



This preview shows how black text looks on a background with the Hex color DBDE0F.

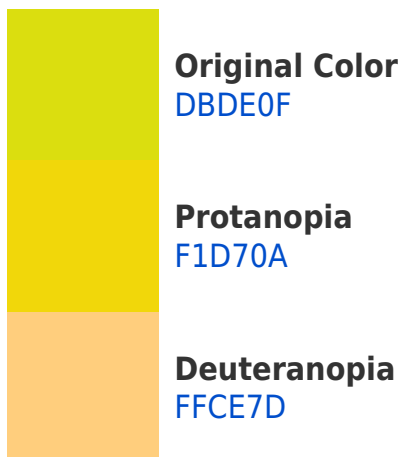


This preview shows how white text looks on a background with the Hex color DBDE0F.

# Color Blindness Simulation

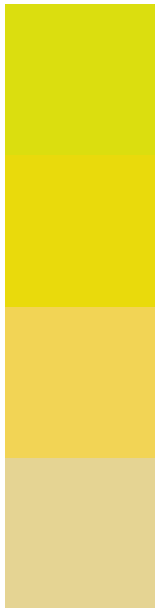
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
DBDE0F

**Protanomaly**  
E9DA0C

**Deuteranomaly**  
F2D455

**Tritanomaly**  
E5D493

# Monochromacy



**Original Color**  
DBDE0F

**Achromatopsia**  
C6C6C6

**Achromatomaly**  
CECF83

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DBDE0F 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 #DBDE0F looks like.

```
.text, #text, p{  
    color:#DBDE0F  
}
```

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 #DBDE0F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBDE0F
}
```

## Border

The CSS property to change the border of an element to Hex DBDE0F 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
#DBDE0F }
```

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

```
.border{ border-color:#DBDE0F }
```

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

Here you see how a box with a 4 pixel #DBDE0F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBDE0F; -webkit-box-shadow:4px 4px  
4px 4px #DBDE0F; box-shadow:4px 4px 4px  
4px #DBDE0F }
```

# Background

The CSS property to change the background color of an element to Hex DBDE0F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBDE0F }
```

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

```
.background{ background-color:#DBDE0F }
```

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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