

# Converting Colors

Hex(DBFA22)

Have a look what the booklet for  
Hex(DBFA22) contains.

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# **Color**

**Hex(DBFA22)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DBFA22
RGB	219, 250, 34
RGB Percent	86%, 98%, 13%
CMY	0.1412, 0.0196, 0.8667
CMYK	0.12, 0.00, 0.86, 0.02
HSL	69°, 96%, 56%
HSV	69°, 86%, 98%
XYZ	63.6878, 83.5468, 14.2828
YIQ	216.1070, 50.8600, -73.7480

# Conversions

## Conversions Part 2

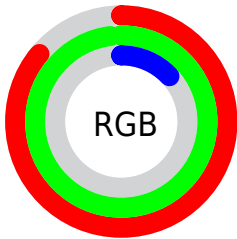
Format	Color
<a href="#">RYB</a>	<a href="#">34, 250, 65</a>
Decimal	<a href="#">14416418</a>
CIELab	<a href="#">93.25, -33.39, 86.75</a>
CIELCh	<a href="#">93, 92.951, 111.051</a>
Yxy	<a href="#">83.5468, 0.3943, 0.5173</a>
Android (android.graphics.Color)	<a href="#">4292606498 (0xFFDBFA22)</a>
YUV	<a href="#">216.1070, -89.7788, 2.5372</a>
Hunter-Lab	<a href="#">91.4039, -35.5829, 54.7181</a>

# Details

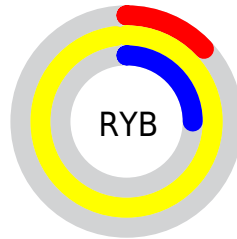
The Hex color **DBFA22** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **4122FA**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **FFFF69**, and **9FC200** is the 20% darker color. If you saturate the color by 10%, you get **D7FA09**, and if you desaturate by 10%, it is **FFFA3B**.

# Distribution



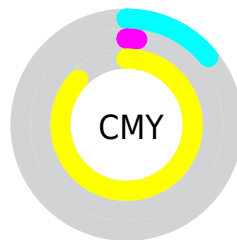
- Red (86%)
- Green (98%)
- Blue (13%)



- Red (13%)
- Yellow (98%)
- Blue (25%)



- Cyan (12%)
- Magenta (0%)
- Yellow (86%)
- Black (2%)



- Cyan (14%)
- Magenta (2%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DBFA22 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 DBFA22 by changing the saturation by 10% instead.



 DBFA22

 DBFA22

FFFFFF

 BDDD00

 FFFF69

 9FC200

 FFFF87

 82A600

 FFFFA5

 658C00

 FFFF C3

 487200

 FFFF E1

 2A5A00

 074200

 002B00

 001400

 DBFA22

 DBFA22

 D7FA09

 DFFA3B

 D6FA00

 E2FA54

 E6FA6D

 E9FA86

 EDFA9F

 F1FAB8

 F4FAD1

 F8FAEA

 FBFAFF

# Harmonies

## Analogous

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



FFDE15



DBFA22



64FF73

# Triad

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



DBFA22



00FFFF



FF95FF

# Complementary

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



DBFA22



4122FA

# 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.



FFB7FF



DBFA22



00FEFF

# Square

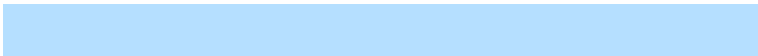
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DBFA22



00FFFF



B5DFFF



FF97B1

# Rectangle

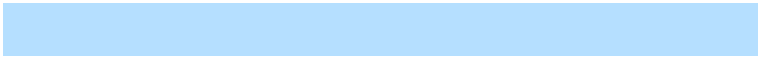
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DBFA22



00FFAE



B5DFFF



FF9EFF

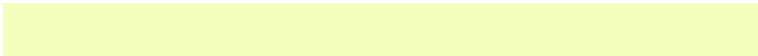


# Sweetspot

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



DBFA22



F5FFBD



FA3F22



7A8058



000000



808080



# Same Dimension

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



DBFA22



DAFF00



71FA22



7B7D70



A2BD00



343D00



# Inverse Universe

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



4122FA



2500FF



AB22FA



72707D



1B00BD

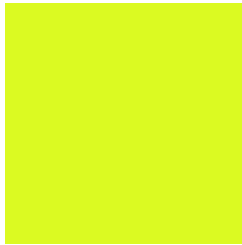


09003D



# Previews

## White Background



This preview shows how the Hex color DBFA22 looks on a white background.

## Color Contrast Check

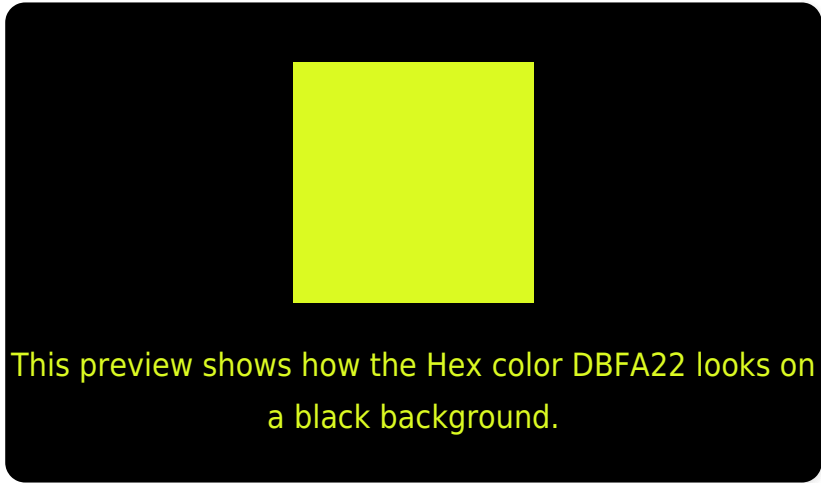
Large Text (above 18pt) WCAG AA × Fail

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 DBFA22 Background



This preview shows how black text looks on a background with the Hex color DBFA22.

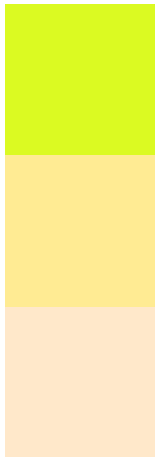


This preview shows how white text looks on a background with the Hex color DBFA22.

# 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



**Original Color**  
DBFA22

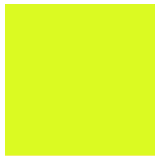
**Protanopia**  
FFEB93

**Deuteranopia**  
FFE8CA

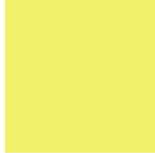


**Tritanopia**  
EEE9FB

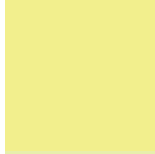
# Trichromacy



**Original Color**  
DBFA22



**Protanomaly**  
F2F06A



**Deuteranomaly**  
F2EF8D

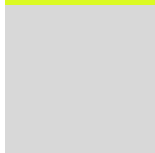


**Tritanomaly**  
E7EFAC

# Monochromacy



**Original Color**  
DBFA22



**Achromatopsia**  
D8D8D8



**Achromatomaly**  
D9E496

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DBFA22 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 #DBFA22 looks like.

```
.text, #text, p{  
    color:#DBFA22  
}
```

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 #DBFA22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBFA22
}
```

## Border

The CSS property to change the border of an element to Hex DBFA22 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
#DBFA22 }
```

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

```
.border{ border-color:#DBFA22 }
```

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

Here you see how a box with a 4 pixel #DBFA22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBFA22; -webkit-box-shadow:4px 4px  
4px 4px #DBFA22; box-shadow:4px 4px 4px  
4px #DBFA22 }
```

# Background

The CSS property to change the background color of an element to Hex DBFA22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBFA22 }
```

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

```
.background{ background-color:#DBFA22 }
```

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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