

Converting Colors

Hex(DFF622)

Have a look what the booklet for
Hex(DFF622) contains.

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Color

Hex(DFF622)

Conversions

Conversions Part 1

Format	Color
Hex	DFF622
RGB	223, 246, 34
RGB Percent	87%, 96%, 13%
CMY	0.1255, 0.0353, 0.8667
CMYK	0.09, 0.00, 0.86, 0.04
HSL	67°, 92%, 55%
HSV	67°, 86%, 96%
XYZ	63.6759, 81.7150, 13.9299
YIQ	214.9550, 54.3440, -70.8080

Conversions

Conversions Part 2

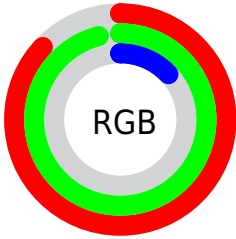
Format	Color
RYB	34, 246, 57
Decimal	14677538
CIELab	92.45, -29.95, 86.20
CIElCh	92, 91.258, 109.158
Yxy	81.7150, 0.3997, 0.5129
Android (android.graphics.Color)	4292867618 (0xFFDFF622)
YUV	214.9550, -89.2108, 7.0555
Hunter-Lab	90.3964, -32.4568, 54.1410

Details

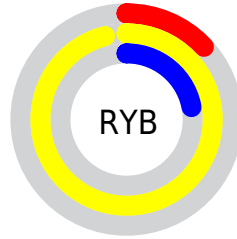
The Hex color **DFF622** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **3922F6**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFF69**, and **A3BE00** is the 20% darker color. If you saturate the color by 10%, you get **DCF609**, and if you desaturate by 10%, it is **E2F63B**.

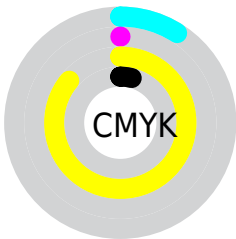
Distribution



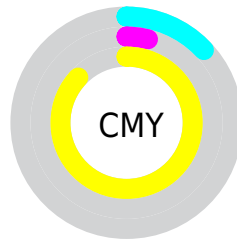
- Red (87%)
- Green (96%)
- Blue (13%)



- Red (13%)
- Yellow (96%)
- Blue (22%)



- Cyan (9%)
- Magenta (0%)
- Yellow (86%)
- Black (4%)



- Cyan (13%)
- Magenta (4%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color DFF622 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 DFF622 by changing the saturation by 10% instead.

 DFF622

 DFF622

FFFFFF

 C1DA00

 FFFF69

 A3BE00

 FFFF87

 86A300

 FFFFA4

 698900

 FFFFC2

 4C6F00

 FFFFEO

 305700

FFFFFFE

 113F00

 002900

 001000

 DFF622

 DFF622

 DCF609

 E2F63B

 DBF600

 E4F653

 E7F66C

 EAF684

 ECF69D

 EFF6B6

 F2F6CE

 F4F6E7

 F7F6FF

Harmonies

Analogous

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



FFDA20



DFF622



70FF6E

Triad

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



DFF622



00FFFF



FF96FF

Complementary

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



DFF622



3922F6

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.



FFB8FF



DFF622



00DFFF

Square

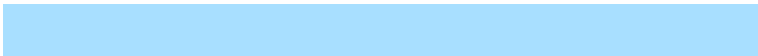
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DFF622



00FFFF



A8DFFF



FF96B5

Rectangle

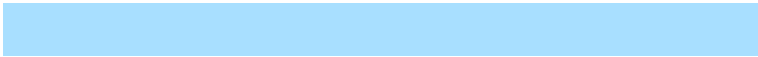
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DFF622



00FFA7



A8DFFF



FF9FFF

Sweetspot

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



DFF622



F8FFBD



F63722



7B8058



000000



808080

Same Dimension

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



DFF622



E3FF00



77F622



797A6E



A6BA00



343B00

Inverse Universe

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



3922F6



1C00FF



A122F6



6F6E7A



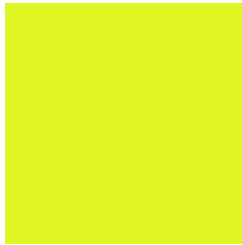
1400BA



06003B

Previews

White Background



This preview shows how the Hex color DFF622 looks on a white background.

Color Contrast Check

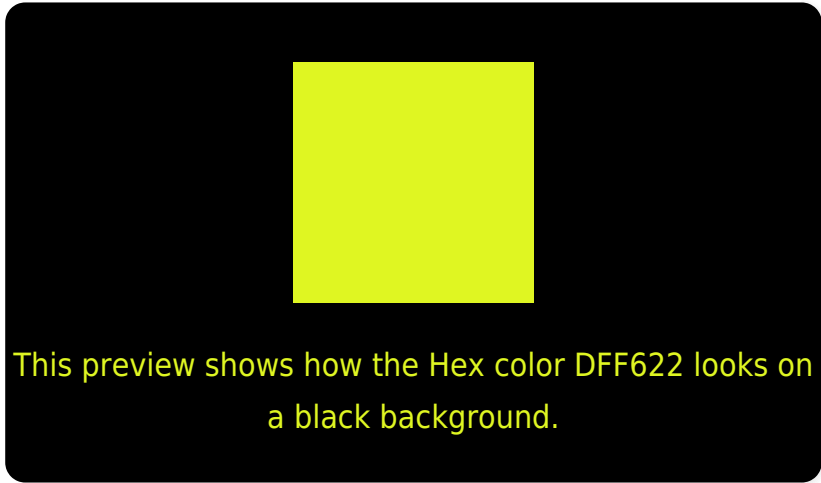
Large Text (above 18pt) WCAG AA × Fail

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 DFF622 Background



This preview shows how black text looks on a background with the Hex color DFF622.

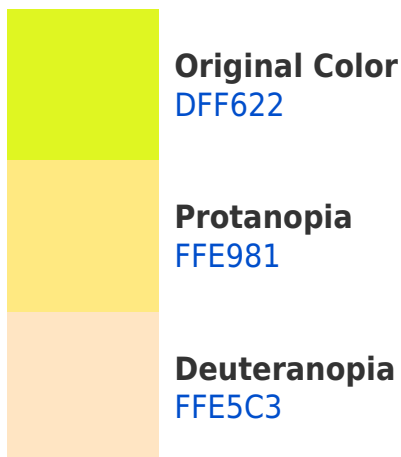


This preview shows how white text looks on a background with the Hex color DFF622.

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](#).

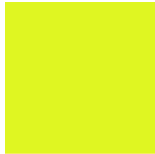
Dichromacy





Tritanopia
F1E5F7

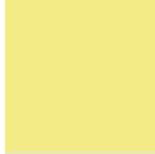
Trichromacy



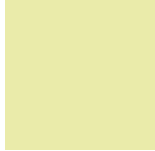
Original Color
DFF622



Protanomaly
F3EE5E



Deuteranomaly
F3EB88

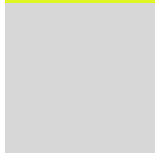


Tritanomaly
EAEBA4

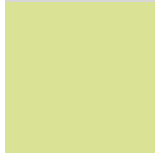
Monochromacy



Original Color
DFF622



Achromatopsia
D7D7D7



Achromatomaly
DAE295

CSS Examples

Text

The CSS property to change the color of the text to Hex DFF622 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 #DFF622 looks like.

```
.text, #text, p{  
    color:#DFF622  
}
```

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 #DFF622 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DFF622
}
```

Border

The CSS property to change the border of an element to Hex DFF622 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
#DFF622 }
```

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

```
.border{ border-color:#DFF622 }
```

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

Here you see how a box with a 4 pixel #DFF622 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DFF622; -webkit-box-shadow:4px 4px  
4px 4px #DFF622; box-shadow:4px 4px 4px  
4px #DFF622 }
```

Background

The CSS property to change the background color of an element to Hex DFF622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DFF622 }
```

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

```
.background{ background-color:#DFF622 }
```

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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