

Converting Colors

Hex(DFE453)

Have a look what the booklet for
Hex(DFE453) contains.

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Color

Hex(DFE453)

Conversions

Conversions Part 1

Format	Color
Hex	DFE453
RGB	223, 228, 83
RGB Percent	87%, 89%, 33%
CMY	0.1255, 0.1059, 0.6745
CMYK	0.02, 0.00, 0.64, 0.11
HSL	62°, 73%, 61%
HSV	62°, 64%, 89%
XYZ	59.7362, 71.7993, 18.8938
YIQ	209.9750, 43.5650, -46.1550

Conversions

Conversions Part 2

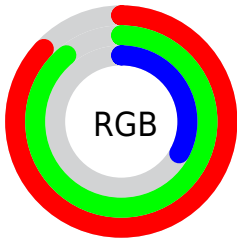
Format	Color
RYB	83, 228, 88
Decimal	14672979
CIELab	87.87, -19.44, 67.54
CIELCh	88, 70.277, 106.055
Yxy	71.7993, 0.3971, 0.4773
Android (android.graphics.Color)	4292863059 (0xFFDFE453)
YUV	209.9750, -62.5987, 11.4229
Hunter-Lab	84.7345, -22.4463, 46.0938

Details

The Hex color **DFE453** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **5853E4**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **FFFF8B**, and **A5AD11** is the 20% darker color. If you saturate the color by 10%, you get **DEE43C**, and if you desaturate by 10%, it is **E0E46A**.

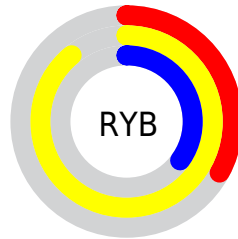
Distribution



Red (87%)

Green (89%)

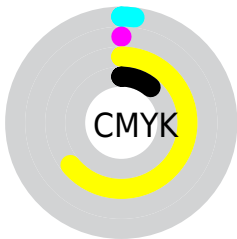
Blue (33%)



Red (33%)

Yellow (89%)

Blue (35%)

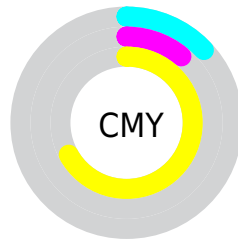


Cyan (2%)

Magenta (0%)

Yellow (64%)

Black (11%)



Cyan (13%)

Magenta (11%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color DFE453 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 DFE453 by changing the saturation by 10% instead.

 DFE453

 DFE453

FFFFFF

 C2C836

 FFFF8B

 A5AD11

 FFFFA7

 889200

 FFFFC4

 6C7900

 FFFFE1

 526000

FFFFFFE

 364800

 1C3200

 001E00

 000000

 DFE453

 DFE453

 DEE43C

 E0E46A

 DDE425

 E1E481

 DDE40F

 E1E497

 DCE400

 E2E4AE

 E3E4C5

 E4E4DC

 E5E4F3

 E5E4FF

 E6E4FF

Harmonies

Analogous

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



FFCE56



DFE453



92F37B

Triad

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



DFE453



00F9FF



FFA5FE

Complementary

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



DFE453



5853E4

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.



FFBCFF



DFE453



00EDFF

Square

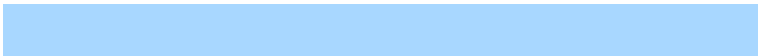
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DFE453



00DFF



A8D7FF



FFA2BB

Rectangle

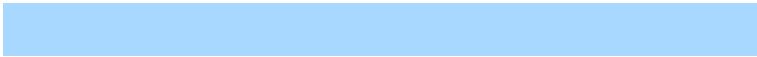
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DFE453



42F9A3



A8D7FF



FFABFF

Sweetspot

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



DFE453



FDFFCF



E45853



7E8062



000000



808080

Same Dimension

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



DFE453



F8FF3D



97E453



727367



ACB300



313300

Inverse Universe

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



5853E4



443DFF



A053E4



686773



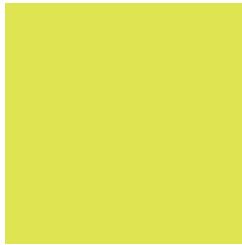
0600B3



020033

Previews

White Background



This preview shows how the Hex color DFE453 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



This preview shows how the Hex color DFE453 looks on a 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 DFE453 Background



This preview shows how black text looks on a background with the Hex color DFE453.

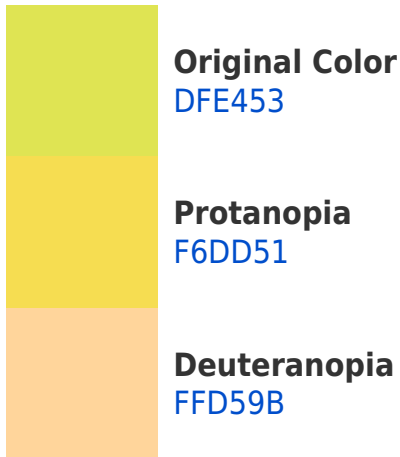


This preview shows how white text looks on a background with the Hex color DFE453.

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](#).

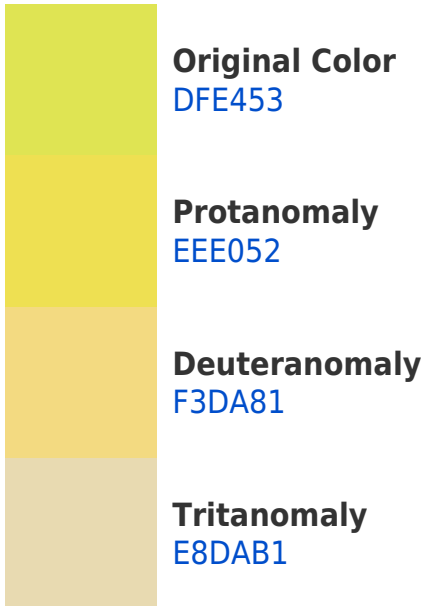
Dichromacy





Tritanopia
EDD5E6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DFE453 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 #DFE453 looks like.

```
.text, #text, p{  
    color:#DFE453  
}
```

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 #DFE453 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DFE453
}
```

Border

The CSS property to change the border of an element to Hex DFE453 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
#DFE453 }
```

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

```
.border{ border-color:#DFE453 }
```

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

Here you see how a box with a 4 pixel #DFE453 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DFE453; -webkit-box-shadow:4px 4px  
4px 4px #DFE453; box-shadow:4px 4px 4px  
4px #DFE453 }
```

Background

The CSS property to change the background color of an element to Hex DFE453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DFE453 }
```

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

```
.background{ background-color:#DFE453 }
```

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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