

Converting Colors

Hex(DFE5A5)

Have a look what the booklet for
Hex(DFE5A5) contains.

Hex(DFE5A5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(DFE5A5)

Conversions

Conversions Part 1

Format	Color
Hex	DFE5A5
RGB	223, 229, 165
RGB Percent	87%, 90%, 65%
CMY	0.1255, 0.1020, 0.3529
CMYK	0.03, 0.00, 0.28, 0.10
HSL	66°, 55%, 77%
HSV	66°, 28%, 90%
XYZ	65.2423, 74.4432, 46.5277
YIQ	219.9100, 16.9680, -21.1760

Conversions

Conversions Part 2

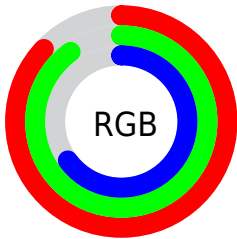
Format	Color
RYB	165, 229, 171
Decimal	14673317
CIELab	89.13, -12.09, 30.62
CIELCh	89, 32.920, 111.548
Yxy	74.4432, 0.3504, 0.3998
Android (android.graphics.Color)	4292863397 (0xFFDFE5A5)
YUV	219.9100, -27.0706, 2.7099
Hunter-Lab	86.2805, -16.0154, 28.4236

Details

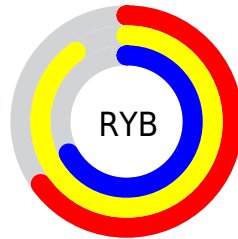
The Hex color **DFE5A5** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **ABA5E5**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **FFFFDC**, and **A7AE71** is the 20% darker color. If you saturate the color by 10%, you get **DDE58E**, and if you desaturate by 10%, it is **E1E5BC**.

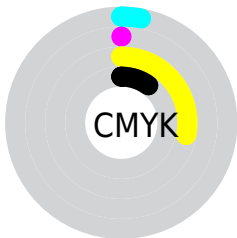
Distribution



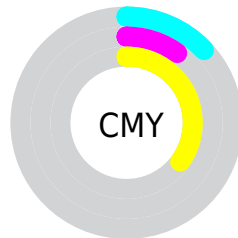
- Red (87%)
- Green (90%)
- Blue (65%)



- Red (65%)
- Yellow (90%)
- Blue (67%)



- Cyan (3%)
- Magenta (0%)
- Yellow (28%)
- Black (10%)



- Cyan (13%)
- Magenta (10%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color DFE5A5 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 DFE5A5 by changing the saturation by 10% instead.

DFE5A5

DFE5A5

FFFFFF

C3C98A

FFFFDC

A7AE71

FFFFF9

8C9358

727940

596128

404911

2A3200

121D00

000000

 DFE5A5

 DFE5A5

 DDE58E

 E1E5BC

 DBE577

 E3E5D3

 D9E560

 E5E5EA

 D6E549

 E8E5FF

 D4E533

 EAE5FF

 D2E51C

 ECE5FF

 D0E505

 EEE5FF

 D0E500

 F0E5FF

 F2E5FF

Harmonies

Analogous

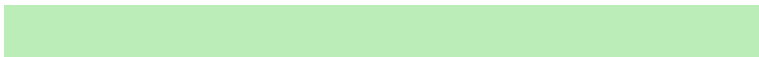
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFDBA2



DFE5A5



BBEDB8

Triad

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



DFE5A5



89EDFF



FFCAEA

Complementary

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



DFE5A5



ABA5E5

Split Complementary

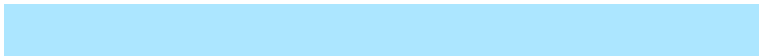
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFD0FF



DFE5A5



ACE6FF

Square

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



DFE5A5



82F1F6



D9DBFF



FFCACA

Rectangle

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



DFE5A5



A3F0CB



D9DBFF



FFCBF5

Sweetspot

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



DFE5A5



FDFFE8



E5AAA5



7E8073



000000



808080

Same Dimension

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



DFE5A5



F7FFA8



C0E5A5



727367



A2B300



2E3300

Inverse Universe

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



ABA5E5



B0A8FF



CAA5E5



686773



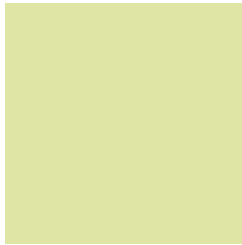
1100B3



050033

Previews

White Background



This preview shows how the Hex color DFE5A5 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 DFE5A5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

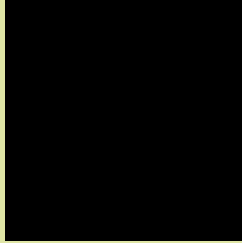
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

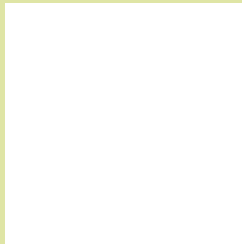
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex DFE5A5 Background



This preview shows how black text looks on a background with the Hex color DFE5A5.

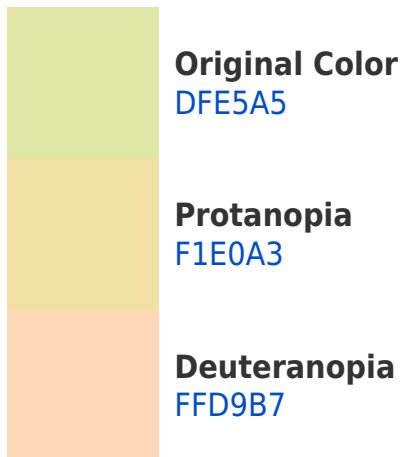


This preview shows how white text looks on a background with the Hex color DFE5A5.

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](#).

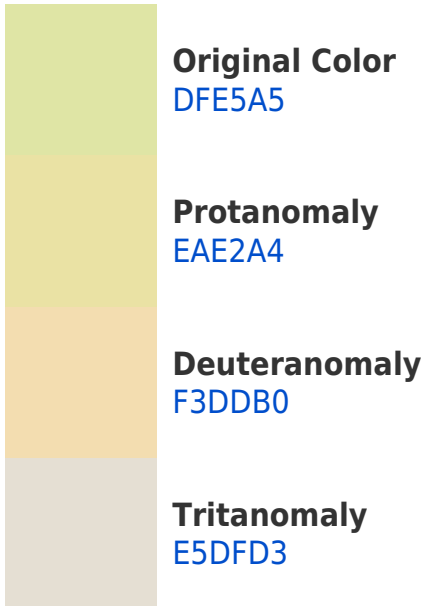
Dichromacy



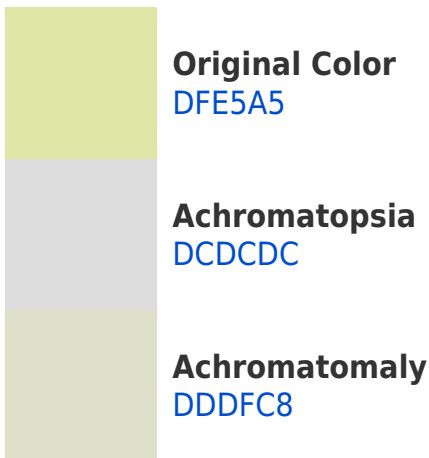


Tritanopia
E8DCED

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DFE5A5 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 #DFE5A5 looks like.

```
.text, #text, p{  
    color:#DFE5A5  
}
```

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 #DFE5A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DFE5A5  
}
```

Border

The CSS property to change the border of an element to Hex DFE5A5 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  
#DFE5A5 }
```

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

```
.border{ border-color:#DFE5A5 }
```

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

Here you see how a box with a 4 pixel #DFE5A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DFE5A5; -webkit-box-shadow:4px 4px  
4px 4px #DFE5A5; box-shadow:4px 4px 4px  
4px #DFE5A5 }
```

Background

The CSS property to change the background color of an element to Hex DFE5A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DFE5A5 }
```

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

```
.background{ background-color:#DFE5A5 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor