

Converting Colors

Hex(DCE55A)

Have a look what the booklet for
Hex(DCE55A) contains.

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Color

Hex(DCE55A)

Conversions

Conversions Part 1

Format	Color
Hex	DCE55A
RGB	220, 229, 90
RGB Percent	86%, 90%, 35%
CMY	0.1373, 0.1020, 0.6471
CMYK	0.04, 0.00, 0.61, 0.10
HSL	64°, 73%, 63%
HSV	64°, 61%, 90%
XYZ	59.3800, 71.9925, 20.4391
YIQ	210.4630, 39.2550, -45.1370

Conversions

Conversions Part 2

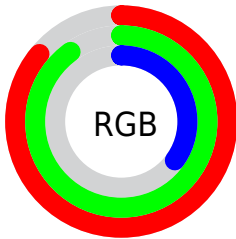
Format	Color
RYB	90, 229, 99
Decimal	14476634
CIELab	87.96, -20.69, 64.73
CIELCh	88, 67.960, 107.724
Yxy	71.9925, 0.3911, 0.4742
Android (android.graphics.Color)	4292666714 (0xFFDCE55A)
YUV	210.4630, -59.3883, 8.3639
Hunter-Lab	84.8484, -23.5638, 45.1115

Details

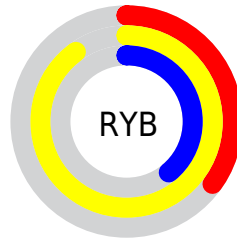
The Hex color **DCE55A** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **635AE5**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **FFFF91**, and **A2AE1E** is the 20% darker color. If you saturate the color by 10%, you get **DBE543**, and if you desaturate by 10%, it is **DDE571**.

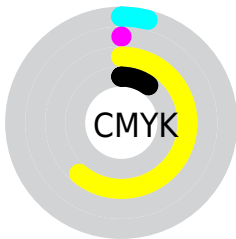
Distribution



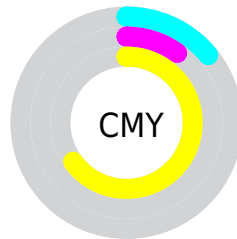
- Red (86%)
- Green (90%)
- Blue (35%)



- Red (35%)
- Yellow (90%)
- Blue (39%)



- Cyan (4%)
- Magenta (0%)
- Yellow (61%)
- Black (10%)



- Cyan (14%)
- Magenta (10%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color DCE55A 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 DCE55A by changing the saturation by 10% instead.

 DCE55A

FFFFFF

 FFFF91

 FFFFAD

 FFFFCA

 FFFFE7

 DCE55A

 BFC93E

 A2AE1E

 869300

 6A7900

 506100

 344900

 1A3200

 001E00

 000000

 DCE55A

 DCE55A

 DBE543

 DDE571

 D9E52C

 DFE588

 D8E515

 E0E59F

 D6E500

 E2E5B6

 E3E5CC

 E5E5E3

 E6E5FA

 E8E5FF

 E9E5FF

Harmonies

Analogous

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



FFD05A



DCE55A



91F382

Triad

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



DCE55A



00F8FF



FFA7FA

Complementary

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



DCE55A



635AE5

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



DCE55A



00EBFF

Square

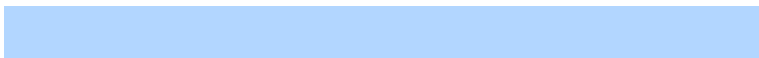
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DCE55A



00DFFF



B2D6FF



FFA6B9

Rectangle

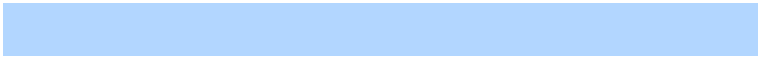
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DCE55A



43F9A9



B2D6FF



FFADFF

Sweetspot

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



DCE55A



FCFFD1



E5615A



7E8063



000000



808080

Same Dimension

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



DCE55A



F3FF45



99E55A



727367



A7B300



303300

Inverse Universe

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



635AE5



5145FF



A65AE5



686773



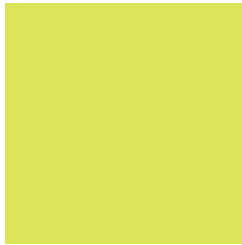
0C00B3



030033

Previews

White Background



This preview shows how the Hex color DCE55A 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 DCE55A 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 DCE55A Background



This preview shows how black text looks on a background with the Hex color DCE55A.

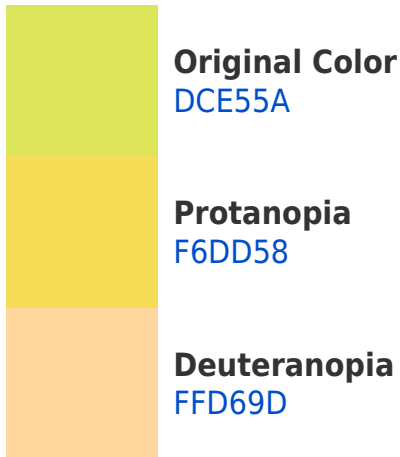


This preview shows how white text looks on a background with the Hex color DCE55A.

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](#).

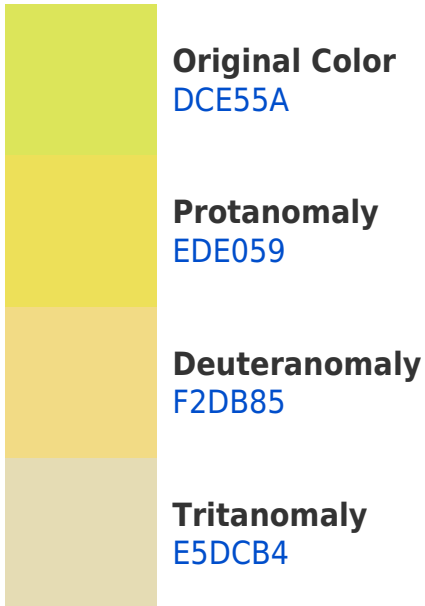
Dichromacy



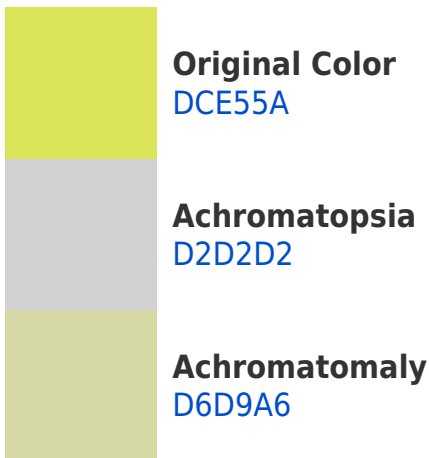


Tritanopia
EAD7E8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DCE55A 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 #DCE55A looks like.

```
.text, #text, p{  
    color:#DCE55A  
}
```

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 #DCE55A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCE55A
}
```

Border

The CSS property to change the border of an element to Hex DCE55A 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
#DCE55A }
```

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

```
.border{ border-color:#DCE55A }
```

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

Here you see how a box with a 4 pixel #DCE55A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCE55A; -webkit-box-shadow:4px 4px  
4px 4px #DCE55A; box-shadow:4px 4px 4px  
4px #DCE55A }
```

Background

The CSS property to change the background color of an element to Hex DCE55A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCE55A }
```

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

```
.background{ background-color:#DCE55A }
```

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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