

Converting Colors

Hex(DDE52C)

Have a look what the booklet for
Hex(DDE52C) contains.

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Color

Hex(DDE52C)

Conversions

Conversions Part 1

Format	Color
Hex	DDE52C
RGB	221, 229, 44
RGB Percent	87%, 90%, 17%
CMY	0.1333, 0.1020, 0.8275
CMYK	0.03, 0.00, 0.81, 0.10
HSL	63°, 78%, 54%
HSV	63°, 81%, 90%
XYZ	58.2927, 71.5926, 13.1293
YIQ	205.5180, 54.6170, -59.2310

Conversions

Conversions Part 2

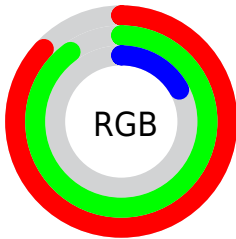
Format	Color
R_{YB}	44, 229, 52
Decimal	14542124
CIE _{Lab}	87.77, -22.48, 80.11
CIE _{LCh}	88, 83.205, 105.677
Yxy	71.5926, 0.4076, 0.5006
Android (android.graphics.Color)	4292732204 (0xFFDDE52C)
YUV	205.5180, -79.6284, 13.5777
Hunter-Lab	84.6124, -25.0963, 50.0287

Details

The Hex color **DDE52C** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **342CE5**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **FFFF6C**, and **A2AE00** is the 20% darker color. If you saturate the color by 10%, you get **DCE515**, and if you desaturate by 10%, it is **DEE543**.

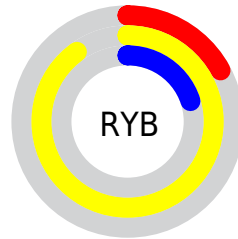
Distribution



Red (87%)

Green (90%)

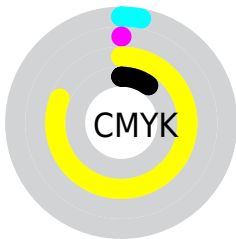
Blue (17%)



Red (17%)

Yellow (90%)

Blue (20%)

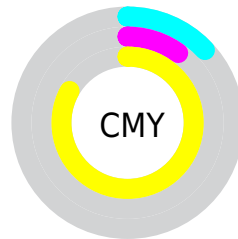


Cyan (3%)

Magenta (0%)

Yellow (81%)

Black (10%)



Cyan (13%)

Magenta (10%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color DDE52C 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 DDE52C by changing the saturation by 10% instead.

 DDE52C

 DDE52C

FFFFFF

 BFC900

 FFFF6C

 A2AE00

 FFFF89

 859300

 FFFFA6

 697A00

 FFFF83

 4C6100

 FFFFE1

 314900

 163300

 001F00

 000000

 DDE52C

 DDE52C

 DCE515

 DEE543

 DBE500

 DFE55A

 E0E571

 E1E588

 E2E59E

 E3E5B5

 E4E5CC

 E5E5E3

 E6E5FA

Harmonies

Analogous

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



FFCA34



DDE52C



80F666

Triad

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



DDE52C



00DFFF



FF96FF

Complementary

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



DDE52C



342CE5

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.



FFB4FF



DDE52C



00F0FF

Square

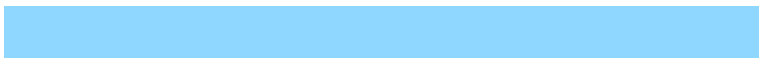
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DDE52C



00FFFF



8FD7FF



FF91B6

Rectangle

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



DDE52C



00FD97



8FD7FF



FF9EFF

Sweetspot

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



DDE52C



FCFFC2



E5322C



7E805B



000000



808080

Same Dimension

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



DDE52C



F4FF08



82E52C



727367



ABB300



313300

Inverse Universe

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



342CE5



1208FF



8F2CE5



686773



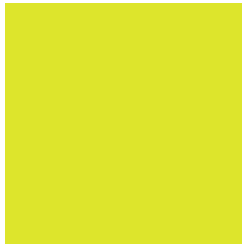
0800B3



020033

Previews

White Background



This preview shows how the Hex color DDE52C 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 DDE52C 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 DDE52C Background



This preview shows how black text looks on a background with the Hex color DDE52C.



This preview shows how white text looks on a background with the Hex color DDE52C.

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
DDE52C

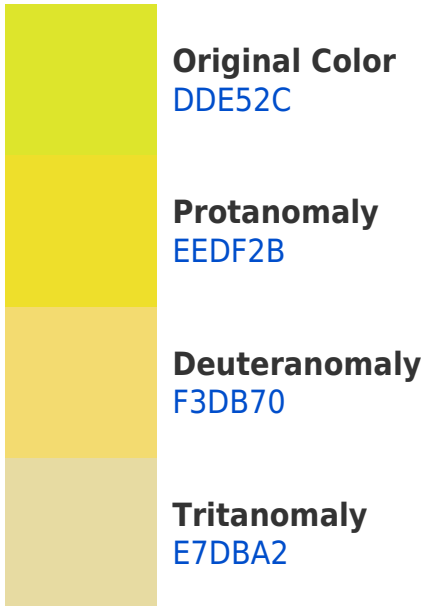
Protanopia
F7DC2A

Deuteranopia
FFD597



Tritanopia
ECD5E6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DDE52C 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 #DDE52C looks like.

```
.text, #text, p{  
    color:#DDE52C  
}
```

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 #DDE52C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DDE52C }  
}
```

Border

The CSS property to change the border of an element to Hex DDE52C 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 #DDE52C }  
}
```

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

```
.border{ border-color:#DDE52C }
```

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

Here you see how a box with a 4 pixel #DDE52C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DDE52C; -webkit-box-shadow:4px 4px  
4px 4px #DDE52C; box-shadow:4px 4px 4px  
4px #DDE52C }
```

Background

The CSS property to change the background color of an element to Hex DDE52C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DDE52C }
```

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

```
.background{ background-color:#DDE52C }
```

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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