

Converting Colors

Hex(D2DE25)

Have a look what the booklet for
Hex(D2DE25) contains.

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Color

Hex(D2DE25)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D2DE25 |
| RGB | 210, 222, 37 |
| RGB Percent | 82%, 87%, 15% |
| CMY | 0.1765, 0.1294, 0.8549 |
| CMYK | 0.05, 0.00, 0.83, 0.13 |
| HSL | 64°, 74%, 51% |
| HSV | 64°, 83%, 87% |
| XYZ | 53.0335, 66.0778, 11.7094 |
| YIQ | 197.3220, 52.2330, -60.0790 |

Conversions

Conversions Part 2

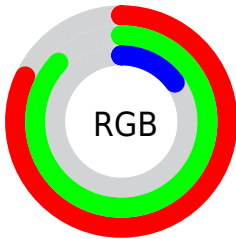
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 37, 222, 49 |
| Decimal | 13819429 |
| CIE Lab | 85.04, -23.87, 79.09 |
| CIE LCh | 85, 82.615, 106.794 |
| Yxy | 66.0778, 0.4054, 0.5051 |
| Android (android.graphics.Color) | 4292009509 (0xFFD2DE25) |
| YUV | 197.3220, -79.0387, 11.1186 |
| Hunter-Lab | 81.2882, -25.7986, 48.3612 |

Details

The Hex color **D2DE25** 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 **3125DE**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **FFFF66**, and **97A700** is the 20% darker color. If you saturate the color by 10%, you get **D1DE0F**, and if you desaturate by 10%, it is **D3DE3B**.

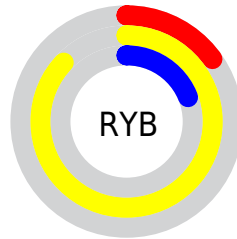
Distribution



Red (82%)

Green (87%)

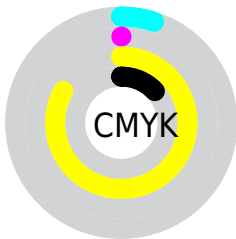
Blue (15%)



Red (15%)

Yellow (87%)

Blue (19%)

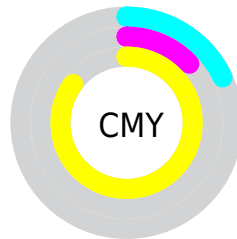


Cyan (5%)

Magenta (0%)

Yellow (83%)

Black (13%)



Cyan (18%)

Magenta (13%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color D2DE25 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 D2DE25 by changing the saturation by 10% instead.

 D2DE25

 D2DE25

FFFFFF

 B4C200

 FFFF66

 97A700

 FFFF83

 7A8D00

 FFFFA0

 5F7300

 FFFFBD

 425B00

 FFFFDB

 274300

 FFFFF9

 0B2D00

 001A00

 000000

 D2DE25

 D2DE25

 D1DE0F

 D3DE3B

 D0DE00

 D5DE51

 D6DE68

 D8DE7E

 D9DE94

 DBDEAA

 DCDECO

 DEDED7

 DFDEED

Harmonies

Analogous

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



FFC42A



D2DE25



74EF62

Triad

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



D2DE25



00F5FF



FF8DFA

Complementary

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



D2DE25



3125DE

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.



FFACFF



D2DE25



00E7FF

Square

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



D2DE25



00F9FF



8ECEFF



FF8AAC

Rectangle

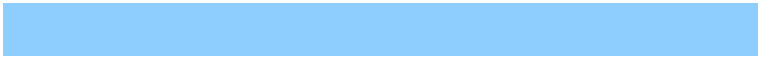
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D2DE25



00F593



8ECEFF



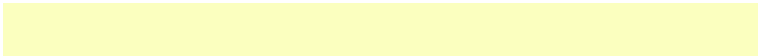
FF96FF

Sweetspot

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



D2DE25



FBFFBF



DE2E25



7D8059



000000



808080

Same Dimension

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



D2DE25



EEFF00



78DE25



6F7065



A5B000



2D3000

Inverse Universe

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



3125DE



1100FF



8B25DE



666570



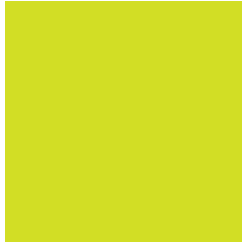
0B00B0



030030

Previews

White Background



This preview shows how the Hex color D2DE25 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 D2DE25 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 D2DE25 Background



This preview shows how black text looks on a background with the Hex color D2DE25.



This preview shows how white text looks on a background with the Hex color D2DE25.

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
D2DE25

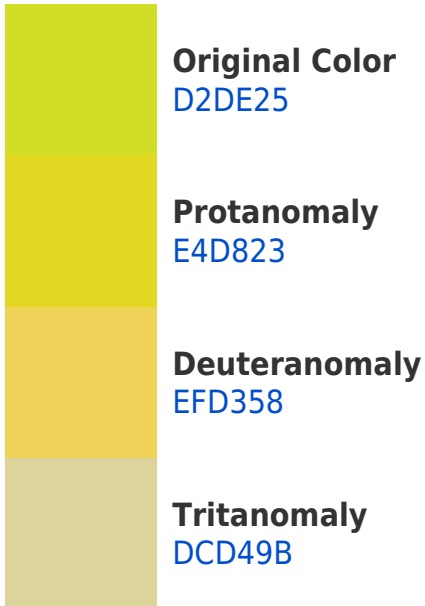
Protanopia
EFD522

Deuteranopia
FFCC75

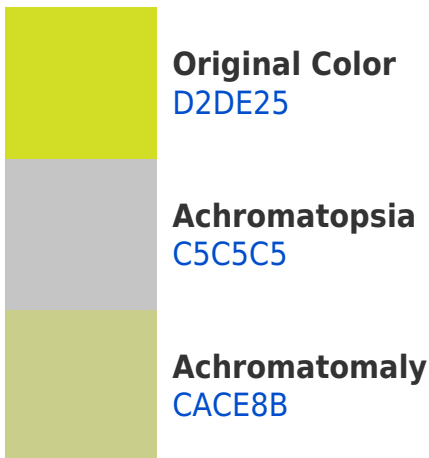


Tritanopia
E1CFDF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D2DE25 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 #D2DE25 looks like.

```
.text, #text, p{  
    color:#D2DE25  
}
```

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 #D2DE25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2DE25
}
```

Border

The CSS property to change the border of an element to Hex D2DE25 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
#D2DE25 }
```

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

```
.border{ border-color:#D2DE25 }
```

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

Here you see how a box with a 4 pixel #D2DE25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2DE25; -webkit-box-shadow:4px 4px  
4px 4px #D2DE25; box-shadow:4px 4px 4px  
4px #D2DE25 }
```

Background

The CSS property to change the background color of an element to Hex D2DE25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2DE25 }
```

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

```
.background{ background-color:#D2DE25 }
```

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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