

Converting Colors

Hex(D5E100)

Have a look what the booklet for
Hex(D5E100) contains.

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Color

Hex(D5E100)

Conversions

Conversions Part 1

Format	Color
Hex	D5E100
RGB	213, 225, 0
RGB Percent	84%, 88%, 0%
CMY	0.1647, 0.1176, 1.0000
CMYK	0.05, 0.00, 1.00, 0.12
HSL	63°, 100%, 44%
HSV	63°, 100%, 88%
XYZ	54.3658, 67.9966, 10.2593
YIQ	195.7620, 65.0730, -72.5190

Conversions

Conversions Part 2

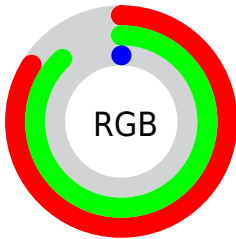
Format	Color
RYB	0, 225, 12
Decimal	14016768
CIELab	86.00, -24.63, 84.86
CIELCh	86, 88.363, 106.183
Yxy	67.9966, 0.4099, 0.5127
Android (android.graphics.Color)	4292206848 (0xFFD5E100)
YUV	195.7620, -96.5107, 15.1177
Hunter-Lab	82.4600, -26.6202, 50.3455

Details

The Hex color **D5E100** 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 **0C00E1**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **FFFF59**, and **9AAA00** is the 20% darker color. If you saturate the color by 10%, you get **D5E100**, and if you desaturate by 10%, it is **D6E116**.

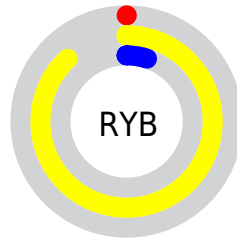
Distribution



Red (84%)

Green (88%)

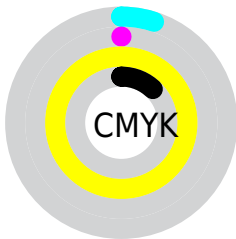
Blue (0%)



Red (0%)

Yellow (88%)

Blue (5%)

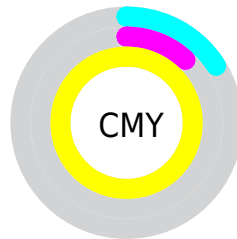


Cyan (5%)

Magenta (0%)

Yellow (100%)

Black (12%)



Cyan (16%)

Magenta (12%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color D5E100 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 D5E100 by changing the saturation by 10% instead.

 D5E100

 D5E100

FFFFFF

 B7C500

 FFFF59

 9AAA00

 FFFF77

 7C9000

 FFFF95

 607600

 FFFFB2

 445D00

 FFFF00

 284600

 FFFFEE

 0C2F00

 001D00

 000000

 D5E100

 D6E116

 D7E12D

 D9E144

 DAE15A

 DBE171

 DCE187

 DDE19D

 DFE1B4

 E0E1CB

Harmonies

Analogous

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



FFC516



D5E100



70F359

Triad

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



D5E100



00FAFF



FF89FF

Complementary

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



D5E100



0C00E1

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



D5E100



00ECFF

Square

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



D5E100



00FEFF



81D1FF



FF84AD

Rectangle

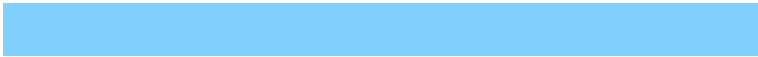
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D5E100



00F990



81D1FF



FF93FF

Sweetspot

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



D5E100



FBFFB3



E10B00



7D8052



000000



808080

Same Dimension

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



D5E100



F1FF00



65E100



707065



A7B000



2E3000

Inverse Universe

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



0C00E1



0E00FF



7C00E1



666570



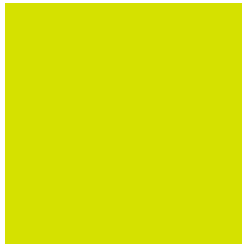
0900B0



030030

Previews

White Background



This preview shows how the Hex color D5E100 looks on a white background.

Color Contrast Check

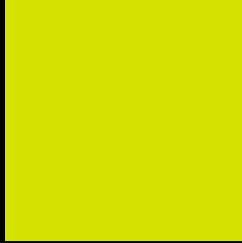
Large Text (above 18pt) WCAG AA × Fail

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 D5E100 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 D5E100 Background



This preview shows how black text looks on a background with the Hex color D5E100.

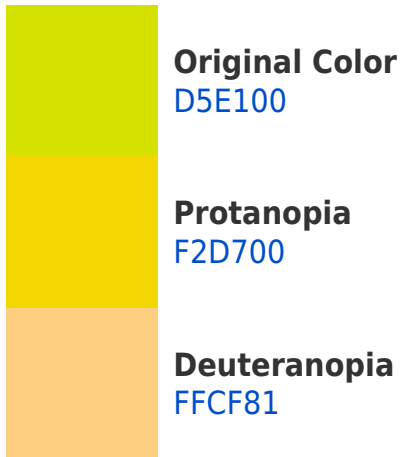


This preview shows how white text looks on a background with the Hex color D5E100.

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](#).

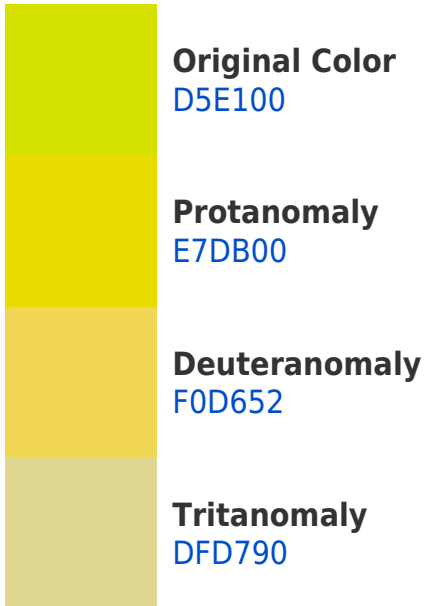
Dichromacy



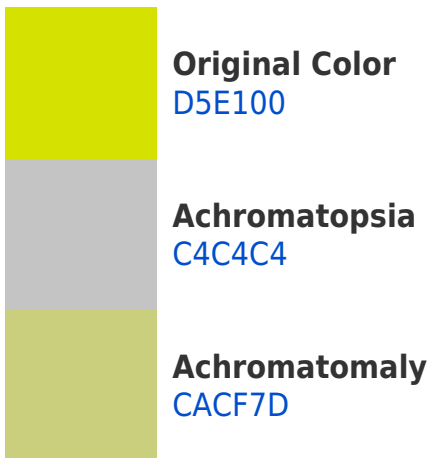


Tritanopia
E5D1E2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D5E100 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 #D5E100 looks like.

```
.text, #text, p{  
    color:#D5E100  
}
```

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 #D5E100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5E100
}
```

Border

The CSS property to change the border of an element to Hex D5E100 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
#D5E100 }
```

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

```
.border{ border-color:#D5E100 }
```

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

Here you see how a box with a 4 pixel #D5E100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5E100; -webkit-box-shadow:4px 4px  
4px 4px #D5E100; box-shadow:4px 4px 4px  
4px #D5E100 }
```

Background

The CSS property to change the background color of an element to Hex D5E100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5E100 }
```

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

```
.background{ background-color:#D5E100 }
```

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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