

Converting Colors

Hex(D2E478)

Have a look what the booklet for
Hex(D2E478) contains.

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Color

Hex(D2E478)

Conversions

Conversions Part 1

Format	Color
Hex	D2E478
RGB	210, 228, 120
RGB Percent	82%, 89%, 47%
CMY	0.1765, 0.1059, 0.5294
CMYK	0.08, 0.00, 0.47, 0.11
HSL	70°, 67%, 68%
HSV	70°, 47%, 89%
XYZ	57.7119, 70.5445, 28.3440
YIQ	210.3060, 23.9400, -37.4040

Conversions

Conversions Part 2

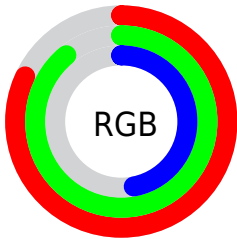
Format	Color
RYB	120, 228, 138
Decimal	13821048
CIELab	87.26, -21.71, 50.34
CIElCh	87, 54.818, 113.325
Yxy	70.5445, 0.3685, 0.4505
Android (android.graphics.Color)	4292011128 (0xFFD2E478)
YUV	210.3060, -44.5209, -0.2684
Hunter-Lab	83.9908, -24.3326, 38.7852

Details

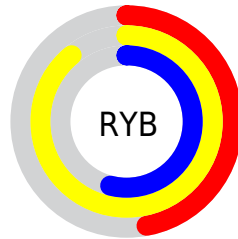
The Hex color **D2E478** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **8A78E4**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **FFFFAE**, and **9AAD44** is the 20% darker color. If you saturate the color by 10%, you get **CEE461**, and if you desaturate by 10%, it is **D6E48F**.

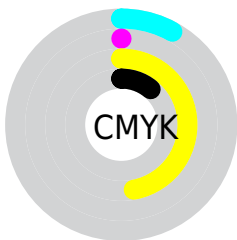
Distribution



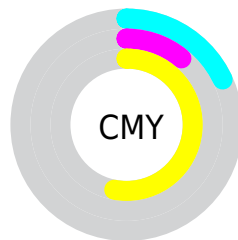
- Red (82%)
- Green (89%)
- Blue (47%)



- Red (47%)
- Yellow (89%)
- Blue (54%)



- Cyan (8%)
- Magenta (0%)
- Yellow (47%)
- Black (11%)



- Cyan (18%)
- Magenta (11%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color D2E478 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 D2E478 by changing the saturation by 10% instead.

 D2E478

FFFFFF

 FFFFAE

 FFFPCA

 FFFFE7

 D2E478

 B5C85E

 9AAD44

 7E9229

 647809

 4A6000

 314800

 163100

 001E00

 000000

 D2E478

 D2E478

 CEE461

 D6E48F

 CAE44A

 DAE4A6

 C7E434

 DDE4BC

 C3E41D

 E1E4D3

 BFE406

 E5E4EA

 BEE400

 E9E4FF

 EDE4FF

 F0E4FF

 F4E4FF

Harmonies

Analogous

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



FFD471



D2E478



94EF9A

Triad

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



D2E478



00F0FF



FFB1E9

Complementary

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



D2E478



8A78E4

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.



FFBEFF



D2E478



6AE4FF

Square

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



D2E478



00F5FF



CDD2FF



FFB3B4

Rectangle

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



D2E478



60F4BB



CDD2FF



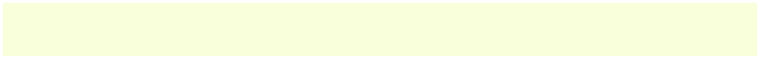
FFB4FA

Sweetspot

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



D2E478



F9FFDB



E48A78



7C806A



000000



808080

Same Dimension

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



D2E478



E7FF6E



9CE478



717367



95B300



2A3300

Inverse Universe

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



8A78E4



866EFF



C078E4



696773



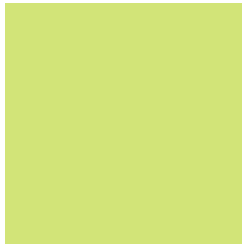
1E00B3



080033

Previews

White Background



This preview shows how the Hex color D2E478 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 D2E478 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 D2E478 Background



This preview shows how black text looks on a background with the Hex color D2E478.

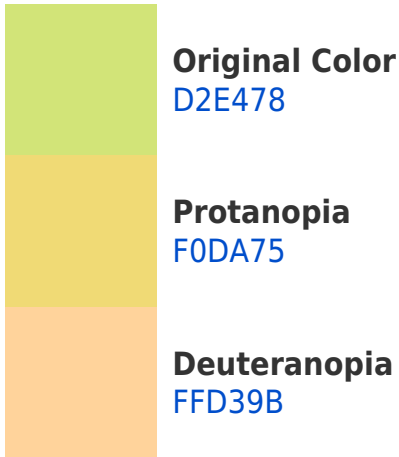


This preview shows how white text looks on a background with the Hex color D2E478.

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](#).

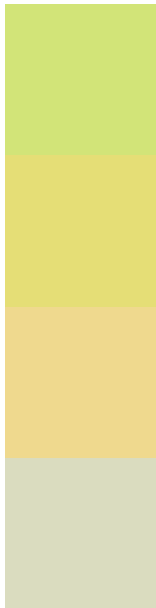
Dichromacy





Tritanopia
DFD7E8

Trichromacy



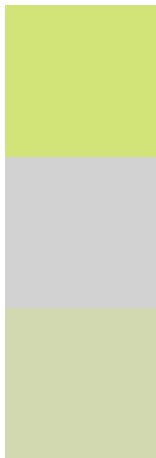
Original Color
D2E478

Protanomaly
E5DE76

Deuteranomaly
EFD98E

Tritanomaly
DADCBF

Monochromacy



Original Color
D2E478

Achromatopsia
D2D2D2

Achromatomaly
D2D9B1

CSS Examples

Text

The CSS property to change the color of the text to Hex D2E478 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 #D2E478 looks like.

```
.text, #text, p{  
    color:#D2E478  
}
```

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 #D2E478 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2E478  
}
```

Border

The CSS property to change the border of an element to Hex D2E478 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  
#D2E478 }
```

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

```
.border{ border-color:#D2E478 }
```

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

Here you see how a box with a 4 pixel #D2E478 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2E478; -webkit-box-shadow:4px 4px  
4px 4px #D2E478; box-shadow:4px 4px 4px  
4px #D2E478 }
```

Background

The CSS property to change the background color of an element to Hex D2E478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2E478 }
```

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

```
.background{ background-color:#D2E478 }
```

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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