

Converting Colors

Hex(D2E028)

Have a look what the booklet for
Hex(D2E028) contains.

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Color

Hex(D2E028)

Conversions

Conversions Part 1

Format	Color
Hex	D2E028
RGB	210, 224, 40
RGB Percent	82%, 88%, 16%
CMY	0.1765, 0.1216, 0.8431
CMYK	0.06, 0.00, 0.82, 0.12
HSL	65°, 75%, 52%
HSV	65°, 82%, 88%
XYZ	53.6170, 67.1661, 12.1459
YIQ	198.8380, 50.7200, -60.1920

Conversions

Conversions Part 2

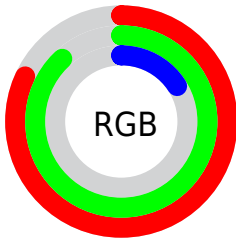
Format	Color
RYB	40, 224, 54
Decimal	13819944
CIELab	85.59, -24.74, 78.87
CIElCh	86, 82.665, 107.417
Yxy	67.1661, 0.4034, 0.5053
Android (android.graphics.Color)	4292010024 (0xFFD2E028)
YUV	198.8380, -78.3071, 9.7891
Hunter-Lab	81.9550, -26.6420, 48.5815

Details

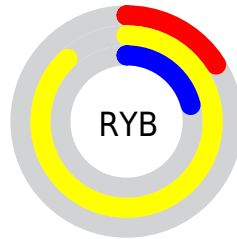
The Hex color **D2E028** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **3628E0**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **FFFF68**, and **97A900** is the 20% darker color. If you saturate the color by 10%, you get **D0E012**, and if you desaturate by 10%, it is **D4E03E**.

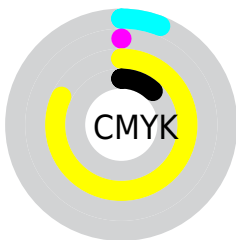
Distribution



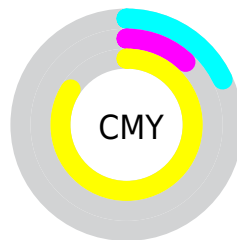
- Red (82%)
- Green (88%)
- Blue (16%)



- Red (16%)
- Yellow (88%)
- Blue (21%)



- Cyan (6%)
- Magenta (0%)
- Yellow (82%)
- Black (12%)



- Cyan (18%)
- Magenta (12%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color D2E028 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 D2E028 by changing the saturation by 10% instead.

 D2E028

 D2E028

FFFFFF

 B4C400

 FFFF68

 97A900

 FFFF85

 7A8F00

 FFFFA2

 5F7500

 FFFF80

 425C00

 FFFFDD

 274500

 FFFFFB

 0A2E00

 001C00

 000000

 D2E028

 D2E028

 D0E012

 D4E03E

 CFE000

 D5E055

 D7E06B

 D9E082

 DBE098

 DCE0AE

 DEE0C5

 E0E0DB

 E1E0F2

Harmonies

Analogous

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



FFC62B



D2E028



73F065

Triad

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



D2E028



00F6FF



FF8FFA

Complementary

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



D2E028



3628E0

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.



FFADFF



D2E028



00E8FF

Square

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



D2E028



00BFFF



94CFFF



FF8CAC

Rectangle

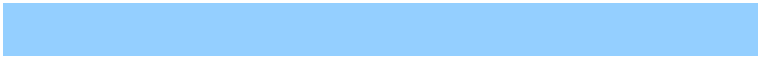
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D2E028



00F797



94CFFF



FF97FF

Sweetspot

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



D2E028



FAFFBF



E03428



7D8059



000000



808080

Same Dimension

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



D2E028



ECFF03



78E028



6F7065



A3B000



2D3000

Inverse Universe

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



3628E0



1603FF



9028E0



666570



0D00B0



040030

Previews

White Background



This preview shows how the Hex color D2E028 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 D2E028 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 D2E028 Background



This preview shows how black text looks on a background with the Hex color D2E028.



This preview shows how white text looks on a background with the Hex color D2E028.

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
D2E028

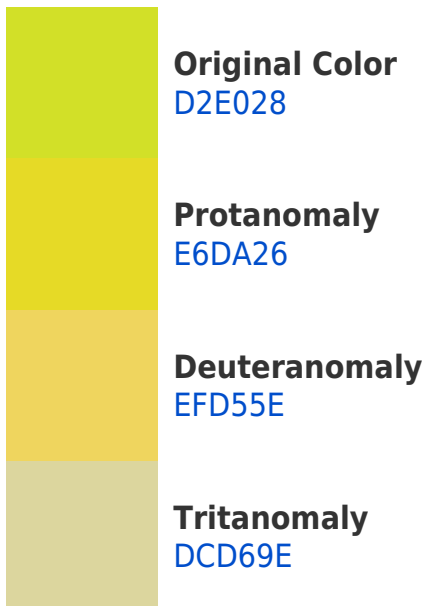
Protanopia
F1D625

Deuteranopia
FFCE7D



Tritanopia
E2D1E1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D2E028 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 #D2E028 looks like.

```
.text, #text, p{  
    color:#D2E028  
}
```

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 #D2E028 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2E028
}
```

Border

The CSS property to change the border of an element to Hex D2E028 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
#D2E028 }
```

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

```
.border{ border-color:#D2E028 }
```

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

Here you see how a box with a 4 pixel #D2E028 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2E028; -webkit-box-shadow:4px 4px  
4px 4px #D2E028; box-shadow:4px 4px 4px  
4px #D2E028 }
```

Background

The CSS property to change the background color of an element to Hex D2E028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2E028 }
```

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

```
.background{ background-color:#D2E028 }
```

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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