

Converting Colors

Hex(D8D828)

Have a look what the booklet for
Hex(D8D828) contains.

Hex(D8D828)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D8D828)

Conversions

Conversions Part 1

Format	Color
Hex	D8D828
RGB	216, 216, 40
RGB Percent	85%, 85%, 16%
CMY	0.1529, 0.1529, 0.8431
CMYK	0.00, 0.00, 0.81, 0.15
HSL	60°, 69%, 50%
HSV	60°, 81%, 85%
XYZ	53.2578, 63.8639, 11.5275
YIQ	195.9360, 56.4960, -54.7360

Conversions

Conversions Part 2

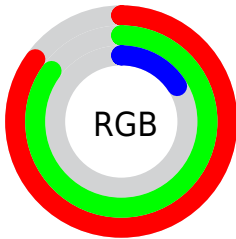
Format	Color
R_{YB}	40, 216, 40
Decimal	14211112
CIE _{Lab}	83.89, -18.37, 77.62
CIE _{LCh}	84, 79.763, 103.316
Yxy	63.8639, 0.4140, 0.4964
Android (android.graphics.Color)	4292401192 (0xFFD8D828)
YUV	195.9360, -76.8764, 17.5961
Hunter-Lab	79.9149, -20.8930, 47.3880

Details

The Hex color **D8D828** 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 **2828D8**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **FFFF67**, and **9DA100** is the 20% darker color. If you saturate the color by 10%, you get **D8D812**, and if you desaturate by 10%, it is **D8D83E**.

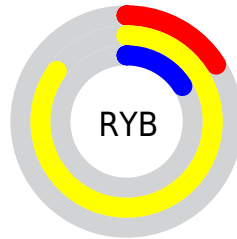
Distribution



Red (85%)

Green (85%)

Blue (16%)



Red (16%)

Yellow (85%)

Blue (16%)

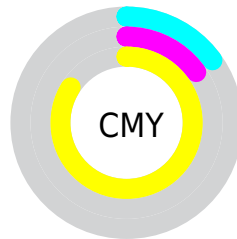


Cyan (0%)

Magenta (0%)

Yellow (81%)

Black (15%)



Cyan (15%)

Magenta (15%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color D8D828 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 D8D828 by changing the saturation by 10% instead.

 D8D828

 D8D828

FFFFFF

 BABC00

 FFFF67

 9DA100

 FFFF84

 808700

 FFFFA1

 646E00

 FFFFBE

 485600

 FFFFDB

 2D3F00

 FFFFF9

 142900

 001600

 000000

 D8D828

 D8D828

 D8D812

 D8D83E

 D8D800

 D8D853

 D8D869

 D8D87E

 D8D894

 D8D8AA

 D8D8BF

 D8D8D5

 D8D8EA

Harmonies

Analogous

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



FFBE35



D8D828



83E95C

Triad

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



D8D828



00F1FF



FF90FE

Complementary

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



D8D828



2828D8

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.



FFAEFF



D8D828



00E5FF

Square

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



D8D828



00F5F2



79CEFF



FF89B3

Rectangle

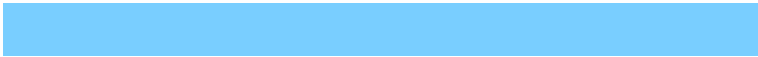
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D8D828



00F08A



79CEFF



FF99FF

Sweetspot

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



D8D828



FFFFC2



D82828



80805B



000000



808080

Same Dimension

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



D8D828



FFFF05



80D828



6B6B60



ABAB00



2B2B00

Inverse Universe

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



2828D8



0505FF



8028D8



60606B



0000AB



00002B

Previews

White Background



This preview shows how the Hex color D8D828 looks on a white background.

Color Contrast Check

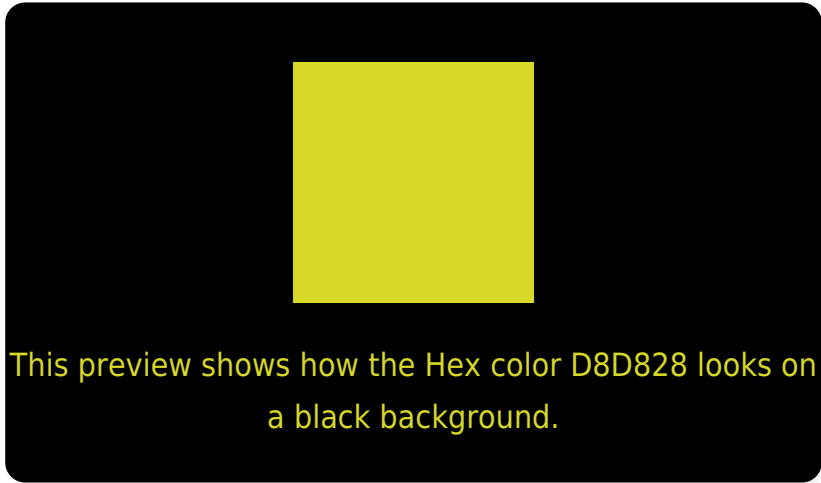
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 D8D828 Background



This preview shows how black text looks on a background with the Hex color D8D828.



This preview shows how white text looks on a background with the Hex color D8D828.

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
D8D828

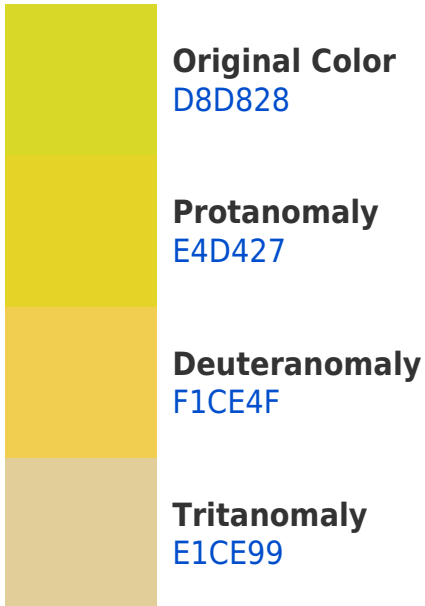
Protanopia
EBD226

Deuteranopia
FFC865



Tritanopia
E6C9D9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D8D828 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 #D8D828 looks like.

```
.text, #text, p{  
    color:#D8D828  
}
```

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 #D8D828 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D8D828
}
```

Border

The CSS property to change the border of an element to Hex D8D828 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
#D8D828 }
```

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

```
.border{ border-color:#D8D828 }
```

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

Here you see how a box with a 4 pixel #D8D828 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D8D828; -webkit-box-shadow:4px 4px  
4px 4px #D8D828; box-shadow:4px 4px 4px  
4px #D8D828 }
```

Background

The CSS property to change the background color of an element to Hex D8D828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D8D828 }
```

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

```
.background{ background-color:#D8D828 }
```

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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