

Converting Colors

Hex(D EE 2 2 8)

Have a look what the booklet for
Hex(DEE228) contains.

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Color

Hex(DEE228)

Conversions

Conversions Part 1

Format	Color
Hex	DEE228
RGB	222, 226, 40
RGB Percent	87%, 89%, 16%
CMY	0.1294, 0.1137, 0.8431
CMYK	0.02, 0.00, 0.82, 0.11
HSL	61°, 76%, 52%
HSV	61°, 82%, 89%
XYZ	57.7036, 70.0755, 12.4921
YIQ	203.6000, 57.3220, -58.6940

Conversions

Conversions Part 2

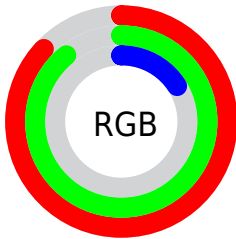
Format	Color
R_{YB}	40, 226, 44
Decimal	14606888
CIE _{Lab}	87.03, -20.74, 80.46
CIE _{LCh}	87, 83.091, 104.452
Yxy	70.0755, 0.4114, 0.4996
Android (android.graphics.Color)	4292796968 (0xFFDEE228)
YUV	203.6000, -80.6548, 16.1368
Hunter-Lab	83.7111, -23.4512, 49.7500

Details

The Hex color **DEE228** 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 **2C28E2**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **FFFF69**, and **A3AB00** is the 20% darker color. If you saturate the color by 10%, you get **DEE211**, and if you desaturate by 10%, it is **DEE23F**.

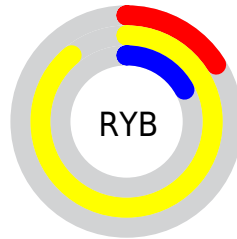
Distribution



Red (87%)

Green (89%)

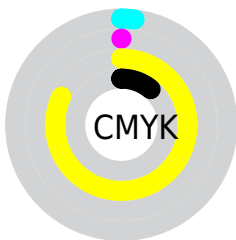
Blue (16%)



Red (16%)

Yellow (89%)

Blue (17%)

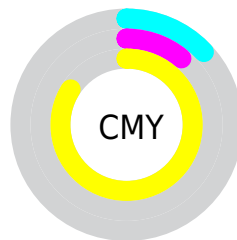


Cyan (2%)

Magenta (0%)

Yellow (82%)

Black (11%)



Cyan (13%)

Magenta (11%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color DEE228 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 DEE228 by changing the saturation by 10% instead.

 DEE228

 DEE228

FFFFFF

 C0C600

 FFFF69

 A3AB00

 FFFF86

 869100

 FFFFA3

 697700

 FFFF00

 4D5E00

 FFFFDE

 324700

 FFFF00

 183000

 001D00

 000000

 DEE228

 DEE228

 DEE211

 DEE23F

 DDE200

 DFE255

 DFE26C

 E0E282

 E0E299

 E1E2B0

 E1E2C6

 E2E2DD

 E2E2F3

Harmonies

Analogous

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



FFC734



DEE228



83F361

Triad

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



DEE228



00FBFF



FF95FF

Complementary

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



DEE228



2C28E2

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.



FFB4FF



DEE228



00EEFF

Square

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



DEE228



00FFFF



84D6FF



FF8FB7

Rectangle

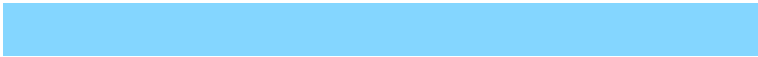
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DEE228



00FA92



84D6FF



FF9DFF

Sweetspot

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



DEE228



FEFFBF



E22B28



7F8059



000000



808080

Same Dimension

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



DEE228



FAFF03



82E228



707065



ACB000



2F3000

Inverse Universe

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



2C28E2



0803FF



8828E2



656570



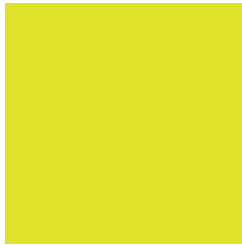
0400B0



010030

Previews

White Background



This preview shows how the Hex color DEE228 looks on a white background.

Color Contrast Check

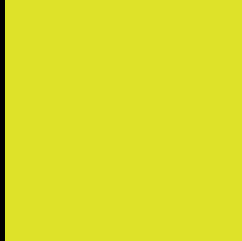
Large Text (above 18pt) WCAG AA × Fail

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 DEE228 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 DEE228 Background



This preview shows how black text looks on a background with the Hex color DEE228.



This preview shows how white text looks on a background with the Hex color DEE228.

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
DEE228

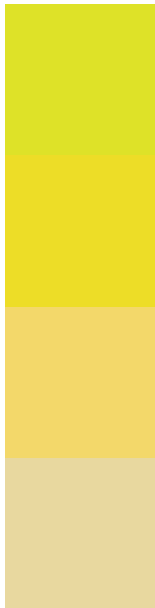
Protanopia
F5DA26

Deuteranopia
FFD38F



Tritanopia
EDD2E3

Trichromacy



Original Color
DEE228

Protanomaly
EDDD27

Deuteranomaly
F3D86A

Tritanomaly
E8D89F

Monochromacy



Original Color
DEE228

Achromatopsia
CCCCCC

Achromatomaly
D3D490

CSS Examples

Text

The CSS property to change the color of the text to Hex DEE228 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 #DEE228 looks like.

```
.text, #text, p{  
    color:#DEE228  
}
```

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 #DEE228 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEE228
}
```

Border

The CSS property to change the border of an element to Hex DEE228 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
#DEE228 }
```

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

```
.border{ border-color:#DEE228 }
```

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

Here you see how a box with a 4 pixel #DEE228 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEE228; -webkit-box-shadow:4px 4px  
4px 4px #DEE228; box-shadow:4px 4px 4px  
4px #DEE228 }
```

Background

The CSS property to change the background color of an element to Hex DEE228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEE228 }
```

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

```
.background{ background-color:#DEE228 }
```

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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