

Converting Colors

Hex(D1EA16)

Have a look what the booklet for
Hex(D1EA16) contains.

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Color

Hex(D1EA16)

Conversions

Conversions Part 1

Format	Color
Hex	D1EA16
RGB	209, 234, 22
RGB Percent	82%, 92%, 9%
CMY	0.1804, 0.0824, 0.9137
CMYK	0.11, 0.00, 0.91, 0.08
HSL	67°, 83%, 50%
HSV	67°, 91%, 92%
XYZ	55.8621, 72.4589, 11.8008
YIQ	202.3570, 53.1520, -71.2320

Conversions

Conversions Part 2

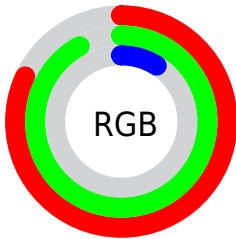
Format	Color
R_{YB}	22, 234, 47
Decimal	13756950
CIE _{Lab}	88.19, -30.27, 84.28
CIE _{LCh}	88, 89.551, 109.755
Yxy	72.4589, 0.3987, 0.5171
Android (android.graphics.Color)	4291947030 (0xFFD1EA16)
YUV	202.3570, -88.9160, 5.8259
Hunter-Lab	85.1228, -31.8236, 51.3664

Details

The Hex color **D1EA16** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **2F16EA**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **FFFF61**, and **96B200** is the 20% darker color. If you saturate the color by 10%, you get **CEEA00**, and if you desaturate by 10%, it is **D4EA2D**.

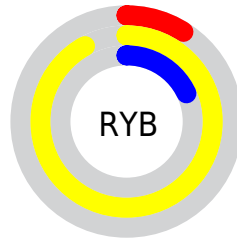
Distribution



Red (82%)

Green (92%)

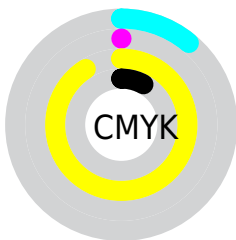
Blue (9%)



Red (9%)

Yellow (92%)

Blue (18%)

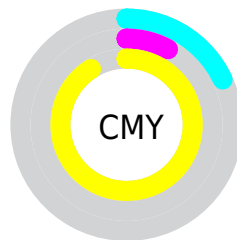


Cyan (11%)

Magenta (0%)

Yellow (91%)

Black (8%)



Cyan (18%)

Magenta (8%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color D1EA16 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 D1EA16 by changing the saturation by 10% instead.

 D1EA16

 D1EA16

FFFFFF

 B3CE00

 FFFF61

 96B200

 FFFF7F

 799800

 FFFF9C

 5C7E00

 FFFFBA

 3F6500

 FFFFD8

 224D00

 FFFFF6

 013500

 002200

 000000

 D1EA16

 D1EA16

 CEEA00

 D4EA2D

 D7EA45

 D9EA5C

 DCEA74

 DFEA8B

 E2EAA2

 E4EABA

 E7EAD1

 EAEAE9

Harmonies

Analogous

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



FFCF10



D1EA16



63FB67

Triad

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



D1EA16



00FFFF



FF8BFE

Complementary

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



D1EA16



2F16EA

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



D1EA16



00F0FF

Square

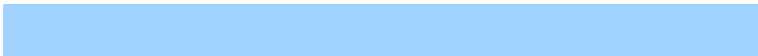
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D1EA16



00FFFF



A0D3FF



FF8BA9

Rectangle

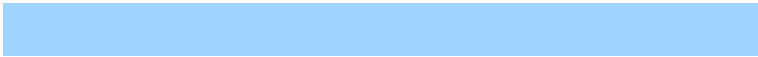
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D1EA16



00FF9F



A0D3FF



FF94FF

Sweetspot

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



D1EA16



F7FFBA



EA2F16



7B8057



000000



808080

Same Dimension

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



D1EA16



E1FF00



67EA16



74756A



A0B500



2F3600

Inverse Universe

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



2F16EA



1E00FF



9916EA



6B6A75



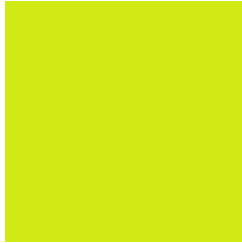
1500B5



060036

Previews

White Background



This preview shows how the Hex color D1EA16 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 D1EA16 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 D1EA16 Background



This preview shows how black text looks on a background with the Hex color D1EA16.



This preview shows how white text looks on a background with the Hex color D1EA16.

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

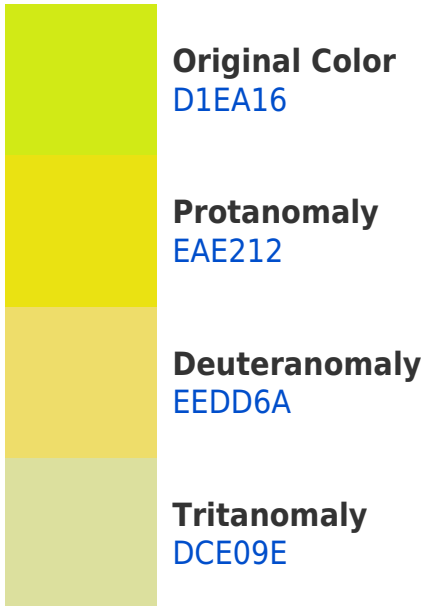


Original Color
D1EA16

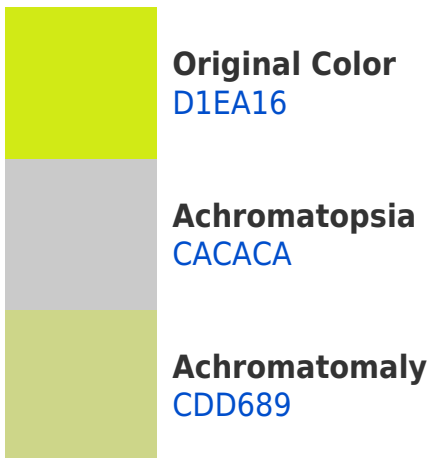
Protanopia
F9DD10

Deuteranopia
FFD69A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D1EA16 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 #D1EA16 looks like.

```
.text, #text, p{  
    color:#D1EA16  
}
```

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 #D1EA16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D1EA16
}
```

Border

The CSS property to change the border of an element to Hex D1EA16 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
#D1EA16 }
```

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

```
.border{ border-color:#D1EA16 }
```

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

Here you see how a box with a 4 pixel #D1EA16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D1EA16; -webkit-box-shadow:4px 4px  
4px 4px #D1EA16; box-shadow:4px 4px 4px  
4px #D1EA16 }
```

Background

The CSS property to change the background color of an element to Hex D1EA16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D1EA16 }
```

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

```
.background{ background-color:#D1EA16 }
```

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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