

Converting Colors

Hex(D2EB14)

Have a look what the booklet for
Hex(D2EB14) contains.

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Color

Hex(D2EB14)

Conversions

Conversions Part 1

Format	Color
Hex	D2EB14
RGB	210, 235, 20
RGB Percent	82%, 92%, 8%
CMY	0.1765, 0.0784, 0.9216
CMYK	0.11, 0.00, 0.91, 0.08
HSL	67°, 84%, 50%
HSV	67°, 91%, 92%
XYZ	56.4129, 73.1688, 11.8115
YIQ	203.0150, 54.1150, -72.1650

Conversions

Conversions Part 2

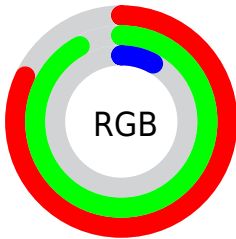
Format	Color
R _Y B	20, 235, 45
Decimal	13822740
CIE Lab	88.53, -30.36, 84.84
CIE LCh	89, 90.104, 109.689
Yxy	73.1688, 0.3990, 0.5175
Android (android.graphics.Color)	4292012820 (0xFFD2EB14)
YUV	203.0150, -90.2264, 6.1258
Hunter-Lab	85.5388, -31.9718, 51.6901

Details

The Hex color **D2EB14** 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 **2D14EB**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **FFFF60**, and **97B300** is the 20% darker color. If you saturate the color by 10%, you get **D0EB00**, and if you desaturate by 10%, it is **D5EB2C**.

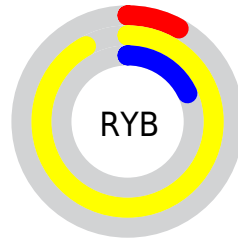
Distribution



Red (82%)

Green (92%)

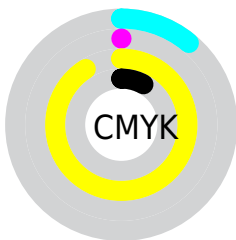
Blue (8%)



Red (8%)

Yellow (92%)

Blue (18%)

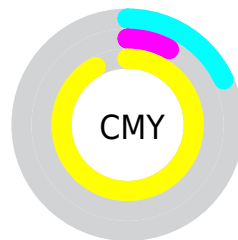


Cyan (11%)

Magenta (0%)

Yellow (91%)

Black (8%)



Cyan (18%)

Magenta (8%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color D2EB14 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 D2EB14 by changing the saturation by 10% instead.

 D2EB14

 D2EB14

FFFFFF

 B4CF00

 FFFF60

 97B300

 FFFF7E

 7A9900

 FFFF9C

 5D7F00

 FFFFB9

 406600

 FFFFD7

 234D00

 FFFFF5

 013600

 002200

 000000

 D2EB14

 D2EB14

 D0EB00

 D5EB2C

 D7EB43

 DAEB5B

 DDEB72

 E0EB8A

 E2EBA1

 E5EBB9

 E8EBD0

 EBEBE8

Harmonies

Analogous

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



FFD00E



D2EB14



63FC67

Triad

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



D2EB14



00FFFF



FF8CFF

Complementary

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



D2EB14



2D14EB

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



D2EB14



00F1FF

Square

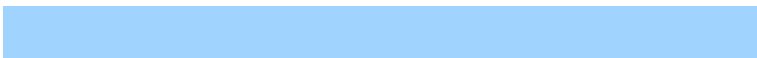
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D2EB14



00FFFF



A0D4FF



FF8CAA

Rectangle

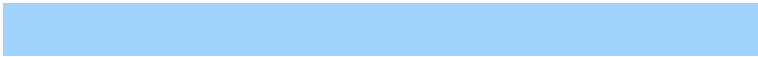
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D2EB14



00FF9F



A0D4FF



FF94FF

Sweetspot

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



D2EB14



F7FFBA



EB2A14



7B8057



000000



808080

Same Dimension

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



D2EB14



E1FF00



6AEB14



74756A



A0B500



2F3600

Inverse Universe

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



2D14EB



1E00FF



9514EB



6B6A75



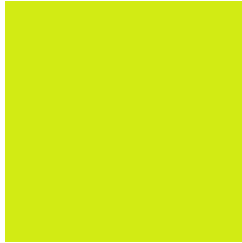
1500B5



060036

Previews

White Background



This preview shows how the Hex color D2EB14 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 D2EB14 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 D2EB14 Background



This preview shows how black text looks on a background with the Hex color D2EB14.



This preview shows how white text looks on a background with the Hex color D2EB14.

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

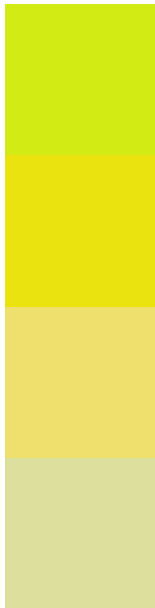


Original Color
D2EB14

Protanopia
FADE0D

Deuteranopia
FFD89E

Trichromacy



Original Color
D2EB14

Protanomaly
EBE310

Deuteranomaly
EFDF6C

Tritanomaly
DDE09D

Monochromacy



Original Color
D2EB14

Achromatopsia
CBCBCB

Achromatomaly
CED788

CSS Examples

Text

The CSS property to change the color of the text to Hex D2EB14 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 #D2EB14 looks like.

```
.text, #text, p{  
    color:#D2EB14  
}
```

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 #D2EB14 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2EB14
}
```

Border

The CSS property to change the border of an element to Hex D2EB14 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
#D2EB14 }
```

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

```
.border{ border-color:#D2EB14 }
```

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

Here you see how a box with a 4 pixel #D2EB14 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2EB14; -webkit-box-shadow:4px 4px  
4px 4px #D2EB14; box-shadow:4px 4px 4px  
4px #D2EB14 }
```

Background

The CSS property to change the background color of an element to Hex D2EB14 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2EB14 }
```

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

```
.background{ background-color:#D2EB14 }
```

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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