

Converting Colors

Hex(DDE10B)

Have a look what the booklet for
Hex(DDE10B) contains.

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Color

Hex(DDE10B)

Conversions

Conversions Part 1

Format	Color
Hex	DDE10B
RGB	221, 225, 11
RGB Percent	87%, 88%, 4%
CMY	0.1333, 0.1176, 0.9569
CMYK	0.02, 0.00, 0.95, 0.12
HSL	61°, 91%, 46%
HSV	61°, 95%, 88%
XYZ	56.8044, 69.2467, 10.6887
YIQ	199.4080, 66.3100, -67.4020

Conversions

Conversions Part 2

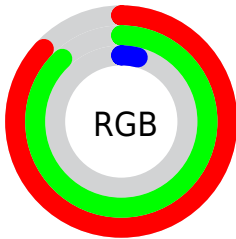
Format	Color
RYB	11, 225, 15
Decimal	14541067
CIELab	86.63, -21.19, 84.68
CIELCh	87, 87.292, 104.049
Yxy	69.2467, 0.4154, 0.5064
Android (android.graphics.Color)	4292731147 (0xFFDDE10B)
YUV	199.4080, -92.8851, 18.9362
Hunter-Lab	83.2146, -23.7770, 50.6346

Details

The Hex color **DDE10B** 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 **0F0BE1**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **FFFF5C**, and **A1AA00** is the 20% darker color. If you saturate the color by 10%, you get **DDE100**, and if you desaturate by 10%, it is **DDE121**.

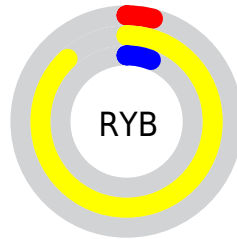
Distribution



Red (87%)

Green (88%)

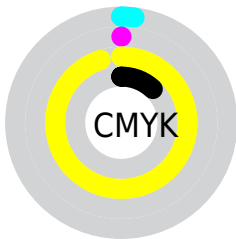
Blue (4%)



Red (4%)

Yellow (88%)

Blue (6%)

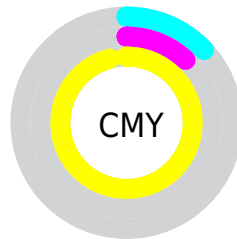


Cyan (2%)

Magenta (0%)

Yellow (95%)

Black (12%)



Cyan (13%)

Magenta (12%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color DDE10B 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 DDE10B by changing the saturation by 10% instead.

 DDE10B

 DDE10B

FFFFFF

 BFC500

 FFFF5C

 A1AA00

 FFFF7A

 849000

 FFFF98

 687600

 FFFFB5

 4B5E00

 FFFFD3

 304600

 FFFFF1

 163000

 001D00

 000000

 DDE10B

 DDE10B

 DDE100

 DDE121

 DEE138

 DEE14E

 DFE165

 DFE17B

 E0E192

 E0E1A9

 E0E1BF

 E1E1D6

Harmonies

Analogous

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



FFC524



DDE10B



7DF358

Triad

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



DDE10B



00FCFF



FF8EFF

Complementary

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



DDE10B



0F0BE1

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.



FFB1FF



DDE10B



00EFFF

Square

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



DDE10B



00FFFF



74D5FF



FF87B5

Rectangle

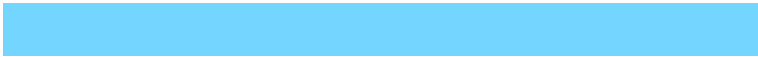
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DDE10B



00FA8C



74D5FF



FF98FF

Sweetspot

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



DDE10B



FEFFB5



E10F0B



7F8053



000000



808080

Same Dimension

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



DDE10B



FAFF00



72E10B



707065



ADB000



303000

Inverse Universe

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



0F0BE1



0500FF



7A0BE1



656570



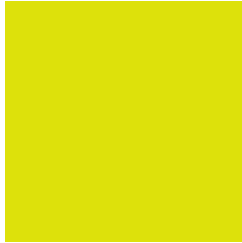
0300B0



010030

Previews

White Background



This preview shows how the Hex color DDE10B looks on a white background.

Color Contrast Check

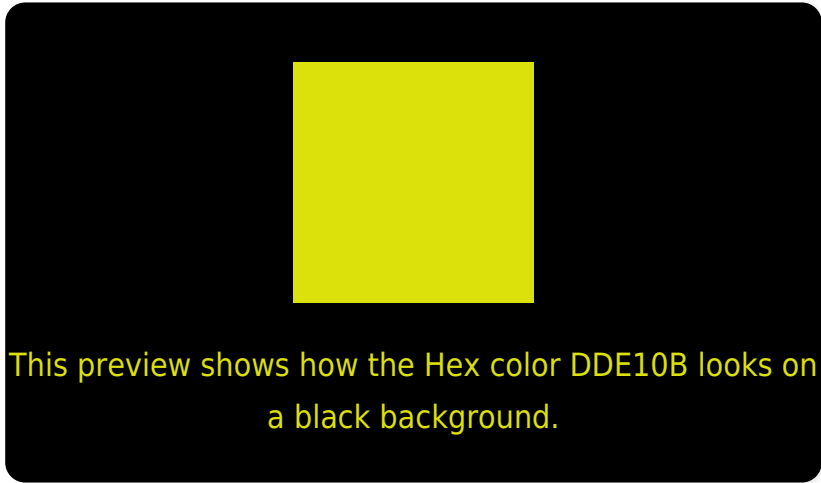
Large Text (above 18pt) WCAG AA × Fail

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 DDE10B Background



This preview shows how black text looks on a background with the Hex color DDE10B.

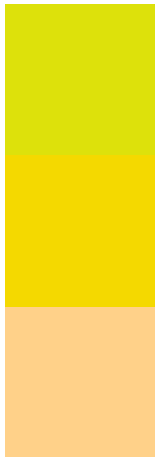


This preview shows how white text looks on a background with the Hex color DDE10B.

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
DDE10B

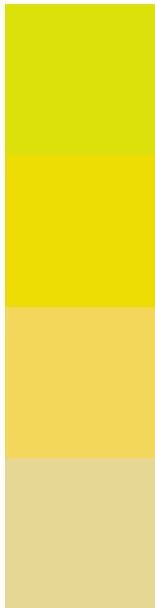
Protanopia
F4D900

Deuteranopia
FFD189



Tritanopia
ECD1E2

Trichromacy



Original Color
DDE10B

Protanomaly
ECDC04

Deuteranomaly
F3D75B

Tritanomaly
E7D794

Monochromacy



Original Color
DDE10B

Achromatopsia
C7C7C7

Achromatomaly
CFD083

CSS Examples

Text

The CSS property to change the color of the text to Hex DDE10B 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 #DDE10B looks like.

```
.text, #text, p{  
    color:#DDE10B  
}
```

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 #DDE10B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DDE10B
}
```

Border

The CSS property to change the border of an element to Hex DDE10B 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
#DDE10B }
```

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

```
.border{ border-color:#DDE10B }
```

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

Here you see how a box with a 4 pixel #DDE10B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DDE10B; -webkit-box-shadow:4px 4px  
4px 4px #DDE10B; box-shadow:4px 4px 4px  
4px #DDE10B }
```

Background

The CSS property to change the background color of an element to Hex DDE10B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DDE10B }
```

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

```
.background{ background-color:#DDE10B }
```

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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