

Converting Colors

Hex(D6E10C)

Have a look what the booklet for
Hex(D6E10C) contains.

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Color

Hex(D6E10C)

Conversions

Conversions Part 1

Format	Color
Hex	D6E10C
RGB	214, 225, 12
RGB Percent	84%, 88%, 5%
CMY	0.1608, 0.1176, 0.9529
CMYK	0.05, 0.00, 0.95, 0.12
HSL	63°, 90%, 46%
HSV	63°, 95%, 88%
XYZ	54.7231, 68.1731, 10.6223
YIQ	197.4290, 61.8170, -68.5750

Conversions

Conversions Part 2

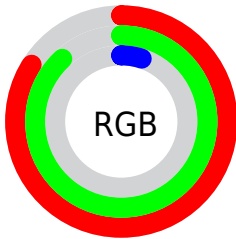
Format	Color
RYB	12, 225, 23
Decimal	14082316
CIELab	86.09, -24.10, 83.95
CIELCh	86, 87.343, 106.017
Yxy	68.1731, 0.4099, 0.5106
Android (android.graphics.Color)	4292272396 (0xFFD6E10C)
YUV	197.4290, -91.4165, 14.5328
Hunter-Lab	82.5670, -26.1874, 50.1692

Details

The Hex color **D6E10C** 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 **170CE1**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **FFFF5C**, and **9BAA00** is the 20% darker color. If you saturate the color by 10%, you get **D5E100**, and if you desaturate by 10%, it is **D7E123**.

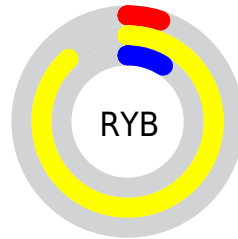
Distribution



Red (84%)

Green (88%)

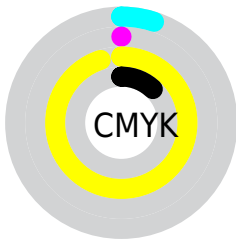
Blue (5%)



Red (5%)

Yellow (88%)

Blue (9%)

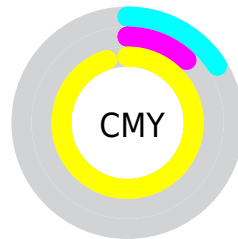


Cyan (5%)

Magenta (0%)

Yellow (95%)

Black (12%)



Cyan (16%)

Magenta (12%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color D6E10C 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 D6E10C by changing the saturation by 10% instead.

 D6E10C

 D6E10C

FFFFFF

 B8C500

 FFFF5C

 9BAA00

 FFFF7A

 7E9000

 FFFF98

 617600

 FFFFB5

 455D00

 FFFFD3

 294600

 FFFFF1

 0D2F00

 001D00

 000000

 D6E10C

 D6E10C

 D5E100

 D7E123

 D8E139

 D9E14F

 DBE166

 DCE17C

 DDE193

 DEE1AA

 DFE1C0

 E0E1D6

Harmonies

Analogous

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



FFC51C



D6E10C



73F25B

Triad

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



D6E10C



00FAFF



FF8BFF

Complementary

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



D6E10C



170CE1

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



D6E10C



00ECFF

Square

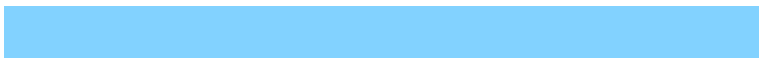
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D6E10C



00FEFF



82D2FF



FF86AF

Rectangle

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



D6E10C



00F990



82D2FF



FF94FF

Sweetspot

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



D6E10C



FBFFB8



E1170C



7D8054



000000



808080

Same Dimension

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



D6E10C



F2FF00



6CE10C



707065



A7B000



2E3000

Inverse Universe

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



170CE1



0D00FF



810CE1



666570



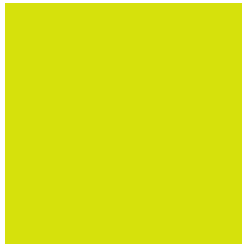
0900B0



030030

Previews

White Background



This preview shows how the Hex color D6E10C looks on a white background.

Color Contrast Check

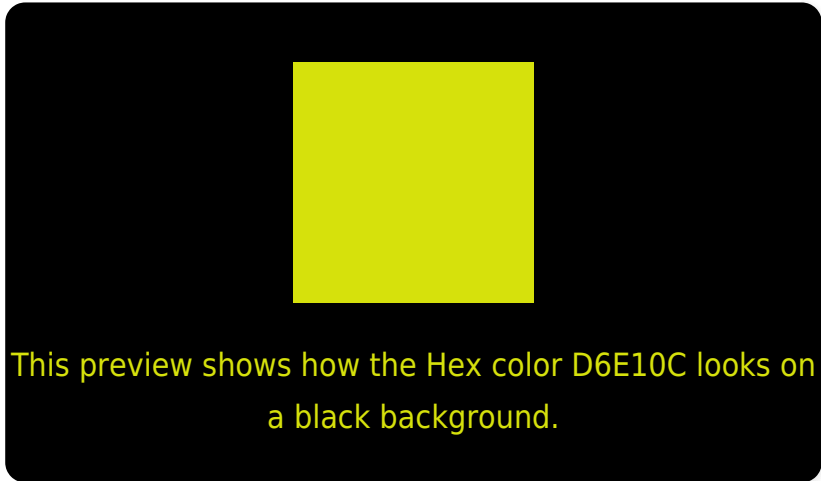
Large Text (above 18pt) WCAG AA × Fail

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 D6E10C Background



This preview shows how black text looks on a background with the Hex color D6E10C.

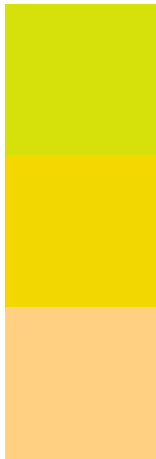


This preview shows how white text looks on a background with the Hex color D6E10C.

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
D6E10C

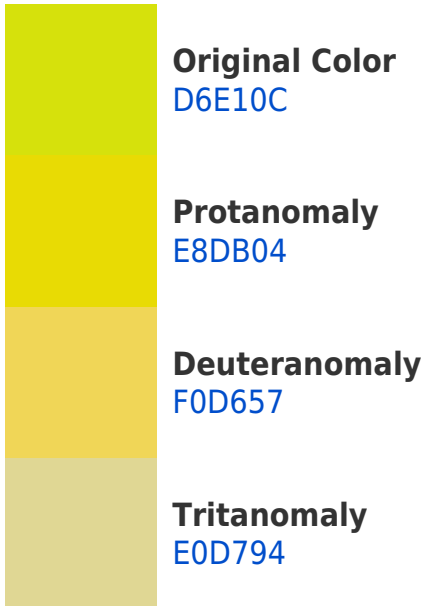
Protanopia
F3D800

Deuteranopia
FFD082



Tritanopia
E6D1E2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D6E10C 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 #D6E10C looks like.

```
.text, #text, p{  
    color:#D6E10C  
}
```

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 #D6E10C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6E10C
}
```

Border

The CSS property to change the border of an element to Hex D6E10C 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
#D6E10C }
```

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

```
.border{ border-color:#D6E10C }
```

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

Here you see how a box with a 4 pixel #D6E10C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6E10C; -webkit-box-shadow:4px 4px  
4px 4px #D6E10C; box-shadow:4px 4px 4px  
4px #D6E10C }
```

Background

The CSS property to change the background color of an element to Hex D6E10C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6E10C }
```

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

```
.background{ background-color:#D6E10C }
```

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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