

Converting Colors

Hex(D0E20D)

Have a look what the booklet for
Hex(D0E20D) contains.

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Color

Hex(D0E20D)

Conversions

Conversions Part 1

Format	Color
Hex	D0E20D
RGB	208, 226, 13
RGB Percent	82%, 89%, 5%
CMY	0.1843, 0.1137, 0.9490
CMYK	0.08, 0.00, 0.94, 0.11
HSL	65°, 89%, 47%
HSV	65°, 94%, 89%
XYZ	53.2814, 67.8317, 10.6654
YIQ	196.3360, 57.6450, -70.0590

Conversions

Conversions Part 2

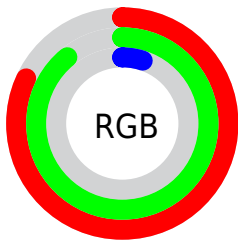
Format	Color
RYB	13, 226, 31
Decimal	13689357
CIELab	85.92, -27.05, 83.53
CIElCh	86, 87.804, 107.942
Yxy	67.8317, 0.4043, 0.5147
Android (android.graphics.Color)	4291879437 (0xFFD0E20D)
YUV	196.3360, -90.3846, 10.2293
Hunter-Lab	82.3600, -28.6524, 49.9741

Details

The Hex color **D0E20D** 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 **1F0DE2**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **FFFF5C**, and **95AB00** is the 20% darker color. If you saturate the color by 10%, you get **CFE200**, and if you desaturate by 10%, it is **D2E224**.

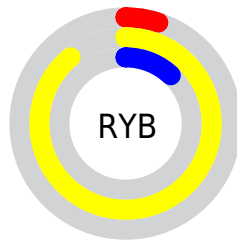
Distribution



Red (82%)

Green (89%)

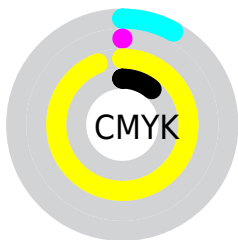
Blue (5%)



Red (5%)

Yellow (89%)

Blue (12%)

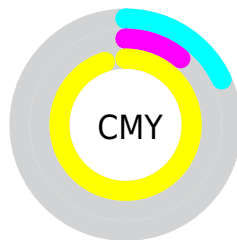


Cyan (8%)

Magenta (0%)

Yellow (94%)

Black (11%)



Cyan (18%)

Magenta (11%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color D0E20D 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 D0E20D by changing the saturation by 10% instead.

 D0E20D

 D0E20D

FFFFFF

 B2C600

 FFFF5C

 95AB00

 FFFF7A

 789000

 FFFF98

 5C7700

 FFFFB5

 3F5E00

 FFFFD3

 234600

 FFFFF1

 043000

 001D00

 000000

 D0E20D

 D0E20D

 CFE200

 D2E224

 D4E23A

 D6E251

 D8E267

 DAE27E

 DBE295

 DDE2AB

 DFE2C2

 E1E2D8

Harmonies

Analogous

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



FFC713



D0E20D



68F35F

Triad

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



D0E20D



00F9FF



FF88FC

Complementary

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



D0E20D



1F0DE2

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.



FFA9FF



D0E20D



00EAFF

Square

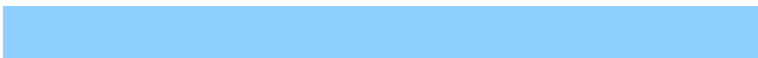
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D0E20D



00FEFF



8FCFFF



FF86A9

Rectangle

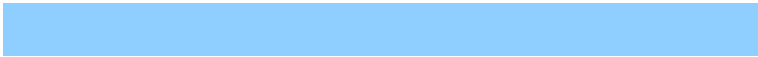
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D0E20D



00F995



8FCFFF



FF91FF

Sweetspot

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



D0E20D



F9FFB8



E21F0D



7C8054



000000



808080

Same Dimension

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



D0E20D



E9FF00



66E20D



6F7065



A1B000



2C3000

Inverse Universe

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



1F0DE2



1600FF



890DE2



666570



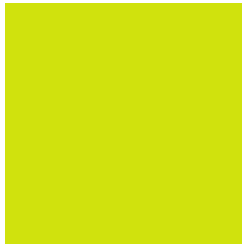
0F00B0



040030

Previews

White Background



This preview shows how the Hex color D0E20D looks on a white background.

Color Contrast Check

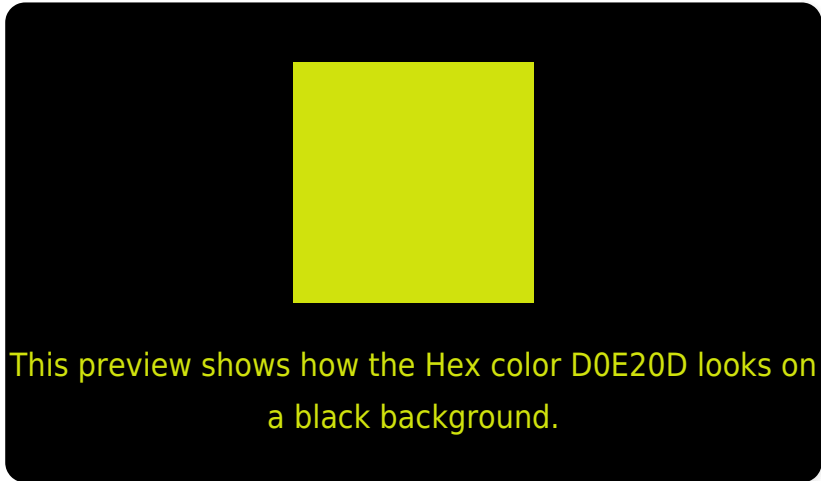
Large Text (above 18pt) WCAG AA × Fail

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 D0E20D Background



This preview shows how black text looks on a background with the Hex color D0E20D.

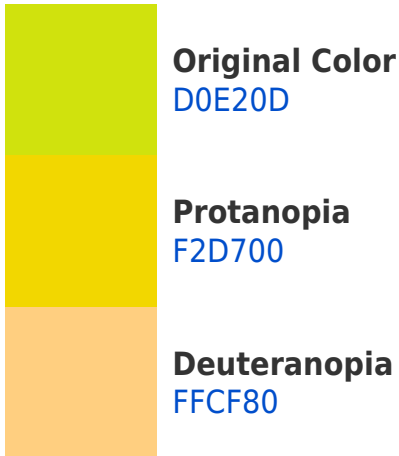


This preview shows how white text looks on a background with the Hex color D0E20D.

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](#).

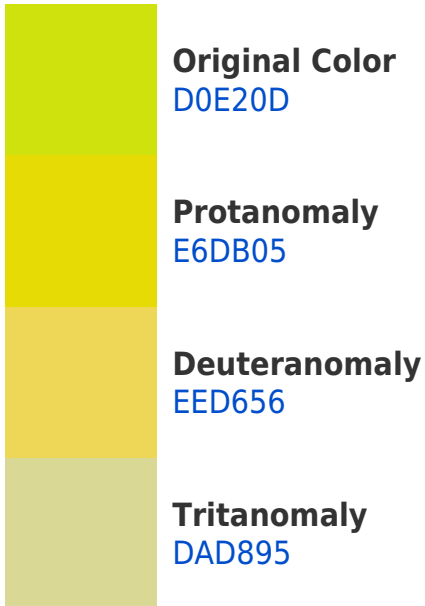
Dichromacy





Tritanopia
E0D2E3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D0E20D 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 #D0E20D looks like.

```
.text, #text, p{  
    color:#D0E20D  
}
```

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 #D0E20D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0E20D
}
```

Border

The CSS property to change the border of an element to Hex D0E20D 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
#D0E20D }
```

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

```
.border{ border-color:#D0E20D }
```

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

Here you see how a box with a 4 pixel #D0E20D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0E20D; -webkit-box-shadow:4px 4px  
4px 4px #D0E20D; box-shadow:4px 4px 4px  
4px #D0E20D }
```

Background

The CSS property to change the background color of an element to Hex D0E20D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0E20D }
```

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

```
.background{ background-color:#D0E20D }
```

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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