

Converting Colors

Hex(DBD91D)

Have a look what the booklet for
Hex(DBD91D) contains.

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Color

Hex(DBD91D)

Conversions

Conversions Part 1

Format	Color
Hex	DBD91D
RGB	219, 217, 29
RGB Percent	86%, 85%, 11%
CMY	0.1412, 0.1490, 0.8863
CMYK	0.00, 0.01, 0.87, 0.14
HSL	59°, 77%, 49%
HSV	59°, 87%, 86%
XYZ	54.2480, 64.7745, 10.8059
YIQ	196.1660, 61.5400, -58.0440

Conversions

Conversions Part 2

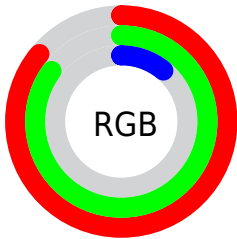
Format	Color
RYB	31, 219, 29
Decimal	14407965
CIELab	84.37, -17.87, 80.45
CIELCh	84, 82.411, 102.523
Yxy	64.7745, 0.4178, 0.4989
Android (android.graphics.Color)	4292598045 (0xFFD9D91D)
YUV	196.1660, -82.4128, 20.0254
Hunter-Lab	80.4826, -20.5294, 48.3773

Details

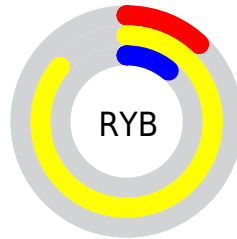
The Hex color **DBD91D** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **1D1FDB**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **FFFF61**, and **A0A200** is the 20% darker color. If you saturate the color by 10%, you get **DBD907**, and if you desaturate by 10%, it is **DBD933**.

Distribution



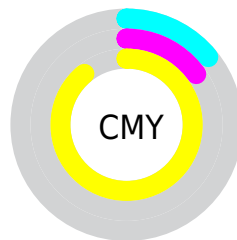
- Red (86%)
- Green (85%)
- Blue (11%)



- Red (12%)
- Yellow (86%)
- Blue (11%)



- Cyan (0%)
- Magenta (1%)
- Yellow (87%)
- Black (14%)



- Cyan (14%)
- Magenta (15%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color DBD91D 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 DBD91D by changing the saturation by 10% instead.

 DBD91D

 DBD91D

FFFFFF

 BDBD00

 FFFF61

 A0A200

 FFFF7F

 838800

 FFFF9C

 666F00

 FFFFB9

 4A5700

 FFFFD6

 304000

 FFFFF4

 162A00

 001700

 000000

 DBD91D

 DBD91D

 DBD907

 DBD933

 DBD900

 DBD949

 DBDA5F

 DBDA75

 DBDA8B

 DBDAA0

 DBDBB6

 DBDBCC

 DBDBE2

Harmonies

Analogous

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



FFBE30



DBD91D



83EB57

Triad

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



DBD91D



00F4FF



FF8FFF

Complementary

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



DBD91D



1D1FDB

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.



FFAFFF



DBD91D



00E8FF

Square

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



DBD91D



00F7F2



6DD0FF



FF87B5

Rectangle

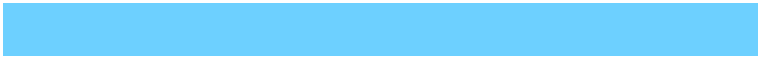
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DBD91D



00F287



6DD0FF



FF98FF

Sweetspot

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



DBD91D



FFFEBD



DB1D20



807F58



000000



808080

Same Dimension

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



DBD91D



FFFC00



7FDB1D



6E6E63



ADAC00



2E2D00

Inverse Universe

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



1D1FDB



0003FF



791DDB



63636E



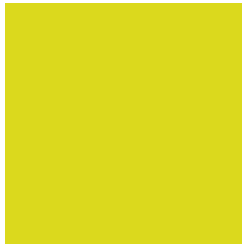
0002AD



00002E

Previews

White Background



This preview shows how the Hex color DBD91D looks on a white background.

Color Contrast Check

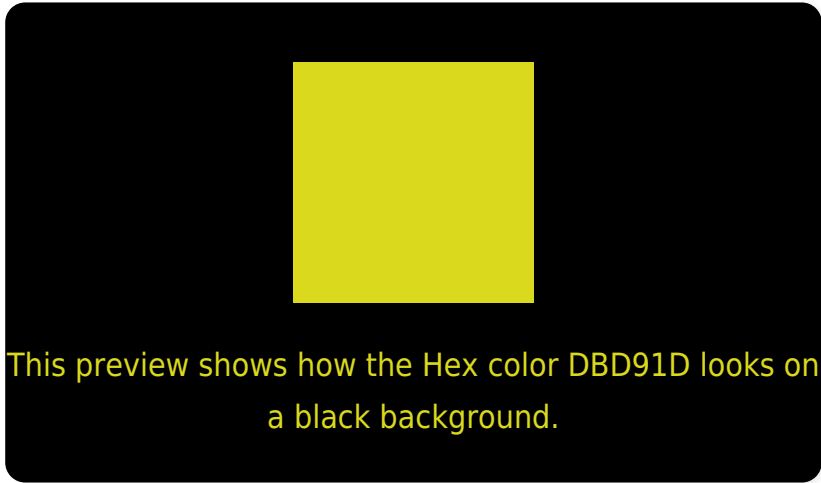
Large Text (above 18pt) WCAG AA × Fail

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 DBD91D Background



This preview shows how black text looks on a background with the Hex color DBD91D.



This preview shows how white text looks on a background with the Hex color DBD91D.

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
DBD91D

Protanopia
EDD31B

Deuteranopia
FFCA6B

Trichromacy



Original Color
DBD91D

Protanomaly
E6D51C

Deuteranomaly
F2CF4F

Tritanomaly
E4CF95

Monochromacy



Original Color
DBD91D

Achromatopsia
C4C4C4

Achromatomaly
CCCC87

CSS Examples

Text

The CSS property to change the color of the text to Hex DBD91D 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 #DBD91D looks like.

```
.text, #text, p{  
    color:#DBD91D  
}
```

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 #DBD91D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBD91D
}
```

Border

The CSS property to change the border of an element to Hex DBD91D 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
#DBD91D }
```

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

```
.border{ border-color:#DBD91D }
```

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

Here you see how a box with a 4 pixel #DBD91D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBD91D; -webkit-box-shadow:4px 4px  
4px 4px #DBD91D; box-shadow:4px 4px 4px  
4px #DBD91D }
```

Background

The CSS property to change the background color of an element to Hex DBD91D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBD91D }
```

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

```
.background{ background-color:#DBD91D }
```

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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