

Converting Colors

Hex(DEC B1C)

Have a look what the booklet for
Hex(DECBC1C) contains.

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Color

Hex(DEC B1C)

Conversions

Conversions Part 1

Format	Color
Hex	DECB1C
RGB	222, 203, 28
RGB Percent	87%, 80%, 11%
CMY	0.1294, 0.2039, 0.8902
CMYK	0.00, 0.09, 0.87, 0.13
HSL	54°, 78%, 49%
HSV	54°, 87%, 87%
XYZ	51.6897, 58.3253, 9.6322
YIQ	188.7310, 67.4990, -50.3970

Conversions

Conversions Part 2

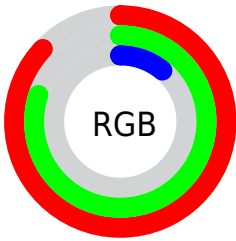
Format	Color
R_YB	49, 222, 28
Decimal	14600988
CIE Lab	80.92, -9.63, 77.99
CIE LCh	81, 78.580, 97.041
Yxy	58.3253, 0.4320, 0.4875
Android (android.graphics.Color)	4292791068 (0xFFDECB1C)
YUV	188.7310, -79.2404, 29.1769
Hunter-Lab	76.3710, -12.8362, 45.9818

Details

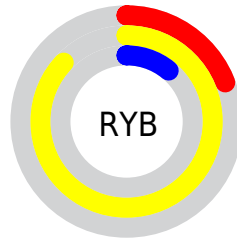
The Hex color **DECB1C** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **1C2FDE**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **FFFF5F**, and **A29500** is the 20% darker color. If you saturate the color by 10%, you get **DEC906**, and if you desaturate by 10%, it is **DECD32**.

Distribution



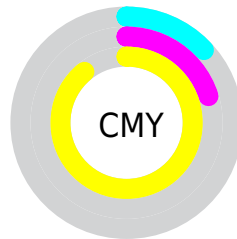
- Red (87%)
- Green (80%)
- Blue (11%)



- Red (19%)
- Yellow (87%)
- Blue (11%)



- Cyan (0%)
- Magenta (9%)
- Yellow (87%)
- Black (13%)



- Cyan (13%)
- Magenta (20%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color DECB1C 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 DECB1C by changing the saturation by 10% instead.

 DECB1C

 DECB1C

FFFFFF

 C0B000

 FFFF5F

 A29500

 FFFF7C

 857C00

 FFFF98

 696300

 FFFFB5

 4D4C00

 FFFFD2

 333500

 FFFFF0

 1A2000

 000600

 000000

 DECB1C

 DECB1C

 DEC906

 DECD32

 DEC800

 DECF48

 DED25F

 DED475

 DED68B

 DED8A1

 DEDAB7

 DEDCCE

 DEDFE4

Harmonies

Analogous

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



FFB039



DECB1C



90DD49

Triad

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



DECB1C



00EAFB



FF8EFC

Complementary

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



DECB1C



1C2FDE

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.



E2AEFF



DECB1C



00E0FF

Square

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



DECB1C



00ECD9



2FCCFF



FF81BB

Rectangle

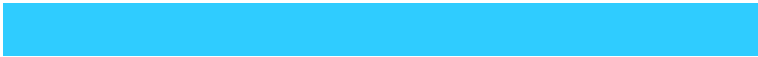
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DECB1C



3DE574



2FCCFF



FF98FF

Sweetspot

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



DECB1C



FFF9BD



DE1C2F



807C58



000000



808080

Same Dimension

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



DECB1C



FFE600



90DE1C



706F65



B09F00



302C00

Inverse Universe

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



1C2FDE



0019FF



6A1CDE



656670



0011B0



000530

Previews

White Background



This preview shows how the Hex color DECB1C looks on a white background.

Color Contrast Check

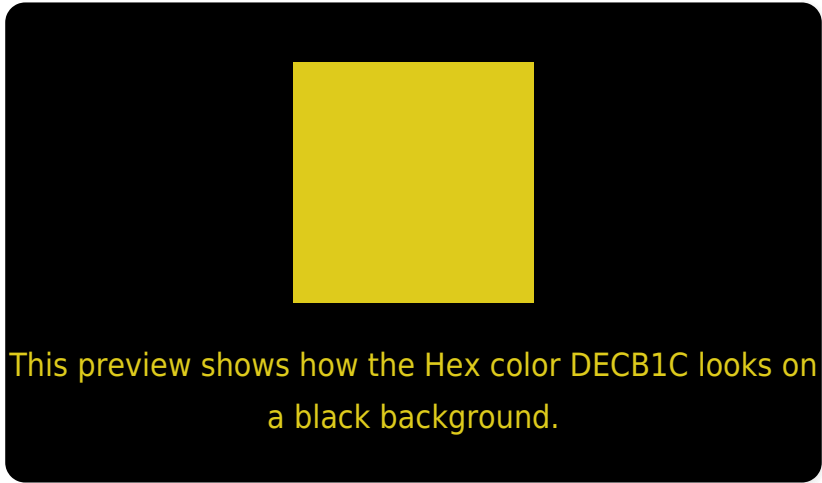
Large Text (above 18pt) WCAG AA × Fail

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 DECB1C Background



This preview shows how black text looks on a background with the Hex color DECB1C.

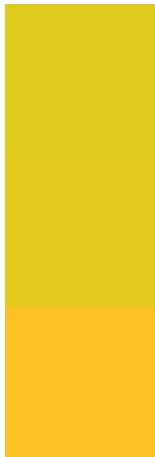


This preview shows how white text looks on a background with the Hex color DECB1C.

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

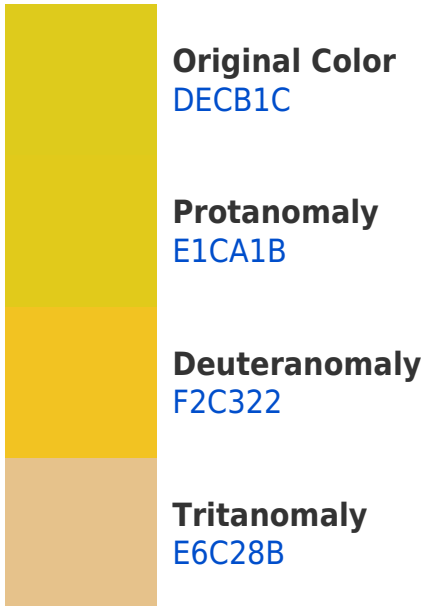


Original Color
DECB1C

Protanopia
E2C91B

Deuteranopia
FDBF26

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DECB1C 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 #DECB1C looks like.

```
.text, #text, p{  
    color:#DECB1C  
}
```

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 #DECB1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DECB1C
}
```

Border

The CSS property to change the border of an element to Hex DECB1C 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
#DECB1C }
```

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

```
.border{ border-color:#DECB1C }
```

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

Here you see how a box with a 4 pixel #DECB1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DECB1C; -webkit-box-shadow:4px 4px  
4px 4px #DECB1C; box-shadow:4px 4px 4px  
4px #DECB1C }
```

Background

The CSS property to change the background color of an element to Hex DECB1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DECB1C }
```

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

```
.background{ background-color:#DECB1C }
```

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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