

# Converting Colors

Hex(DEC81D)

Have a look what the booklet for  
Hex(DEC81D) contains.

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**Color**

**Hex(DEC81D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DEC81D
RGB	222, 200, 29
RGB Percent	87%, 78%, 11%
CMY	0.1294, 0.2157, 0.8863
CMYK	0.00, 0.10, 0.87, 0.13
HSL	53°, 77%, 49%
HSV	53°, 87%, 87%
XYZ	51.0002, 56.9269, 9.4624
YIQ	187.0840, 68.0030, -48.5170

# Conversions

## Conversions Part 2

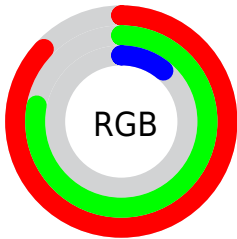
Format	Color
<b>RYB</b>	54, 222, 29
Decimal	14600221
CIELab	80.14, -8.09, 77.17
CIElCh	80, 77.590, 95.984
Yxy	56.9269, 0.4345, 0.4849
Android (android.graphics.Color)	4292790301 (0xFFDEC81D)
YUV	187.0840, -77.9354, 30.6213
Hunter-Lab	75.4499, -11.3805, 45.3792

# Details

The Hex color **DEC81D** 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 **1D33DE**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **FFFF5F**, and **A29300** is the 20% darker color. If you saturate the color by 10%, you get **DEC507**, and if you desaturate by 10%, it is **DECB33**.

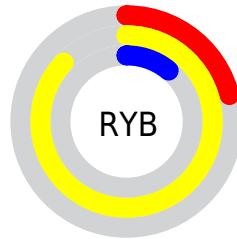
# Distribution



Red (87%)

Green (78%)

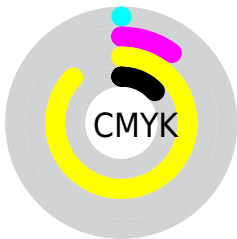
Blue (11%)



Red (21%)

Yellow (87%)

Blue (11%)

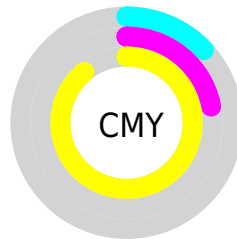


Cyan (0%)

Magenta (10%)

Yellow (87%)

Black (13%)



Cyan (13%)

Magenta (22%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DEC81D 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 DEC81D by changing the saturation by 10% instead.



 DEC81D

 DEC81D

FFFFFF

 C0AD00

 FFFF5F

 A29300

 FFFF7C

 857900

 FFFF98

 696100

 FFFFB5

 4D4900

 FFFFD2

 333300

 FFFFF0

 1A1E00

 000100

 000000

 DEC81D

 DEC81D

 DEC507

 DECB33

 DEC500

 DECD49

 DED060

 DED276

 DED58C

 DED7A2

 DEDAB8

 DEDCCF

 DEDFE5

# Harmonies

## Analogous

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



FFAD3B



DEC81D



92DA47

# Triad

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



DEC81D



00E7FF



FF8EFF

# Complementary

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



DEC81D



1D33DE

# 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.



DCADFF



DEC81D



00DEFF

# Square

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



DEC81D



00E9D4



1ACAFF



FF80BB

# Rectangle

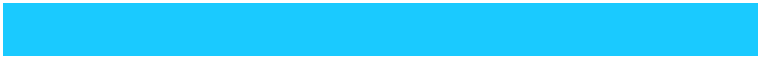
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DEC81D



44E271



1ACAFF



FF97FF



# Sweetspot

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



DEC81D



FFF7BD



DE1D34



807B58



000000



808080



# Same Dimension

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



DEC81D



FFE200



94DE1D



706F65



B09C00



302B00



# Inverse Universe

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



1D33DE



001DFF



671DDE



656670



0014B0



000630



# Previews

## White Background



This preview shows how the Hex color DEC81D looks on a white background.

## Color Contrast Check

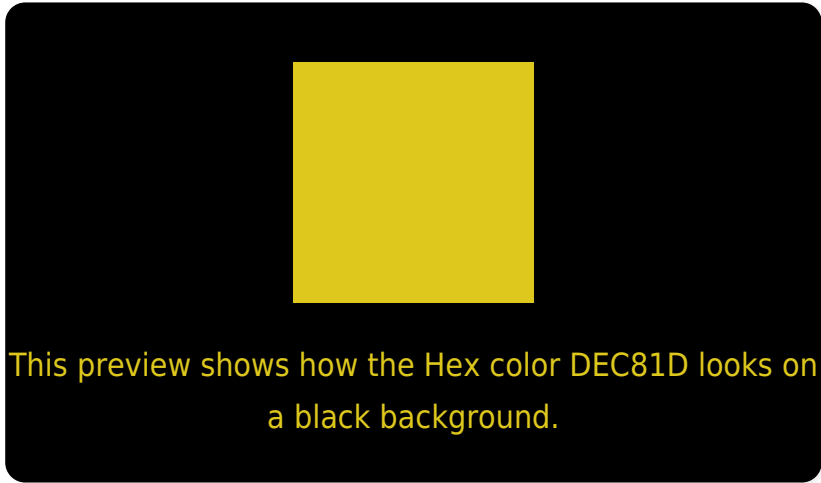
Large Text (above 18pt) WCAG AA × Fail

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 DEC81D Background



This preview shows how black text looks on a background with the Hex color DEC81D.



This preview shows how white text looks on a background with the Hex color DEC81D.

# 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



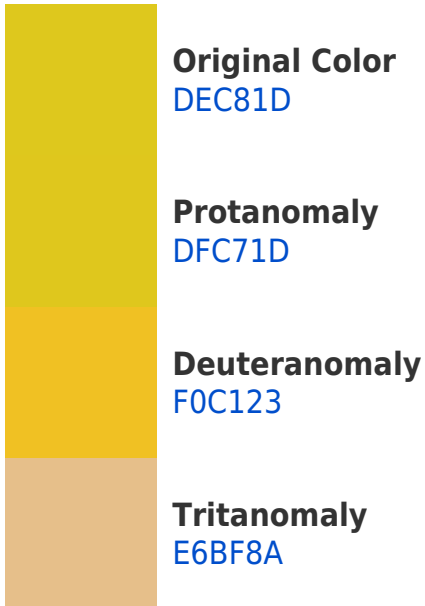
**Original Color**  
DEC81D

**Protanopia**  
E0C71D

**Deuteranopia**  
FBBD26



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DEC81D 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 #DEC81D looks like.

```
.text, #text, p{  
    color:#DEC81D  
}
```

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 #DEC81D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEC81D
}
```

## Border

The CSS property to change the border of an element to Hex DEC81D 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
#DEC81D }
```

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

```
.border{ border-color:#DEC81D }
```

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

Here you see how a box with a 4 pixel #DEC81D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEC81D; -webkit-box-shadow:4px 4px  
4px 4px #DEC81D; box-shadow:4px 4px 4px  
4px #DEC81D }
```

# Background

The CSS property to change the background color of an element to Hex DEC81D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEC81D }
```

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

```
.background{ background-color:#DEC81D }
```

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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