

Converting Colors

Hex(DEC241)

Have a look what the booklet for
Hex(DEC241) contains.

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Color

Hex(DEC241)

Conversions

Conversions Part 1

Format	Color
Hex	DEC241
RGB	222, 194, 65
RGB Percent	87%, 76%, 25%
CMY	0.1294, 0.2392, 0.7451
CMYK	0.00, 0.13, 0.71, 0.13
HSL	49°, 70%, 56%
HSV	49°, 71%, 87%
XYZ	50.3701, 54.4948, 12.8648
YIQ	187.6660, 58.0970, -34.1830

Conversions

Conversions Part 2

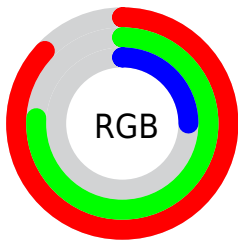
Format	Color
RYB	99, 222, 65
Decimal	14598721
CIELab	78.75, -3.78, 65.22
CIELCh	79, 65.331, 93.318
Yxy	54.4948, 0.4278, 0.4629
Android (android.graphics.Color)	4292788801 (0xFFDEC241)
YUV	187.6660, -60.4743, 30.1109
Hunter-Lab	73.8206, -7.3899, 41.3419

Details

The Hex color **DEC241** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **415DDE**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **FFFA78**, and **A38D00** is the 20% darker color. If you saturate the color by 10%, you get **DEBE2B**, and if you desaturate by 10%, it is **DEC657**.

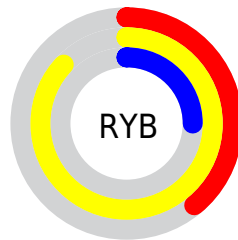
Distribution



Red (87%)

Green (76%)

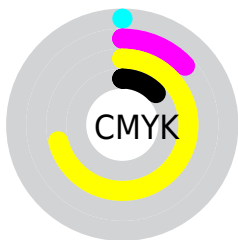
Blue (25%)



Red (39%)

Yellow (87%)

Blue (25%)

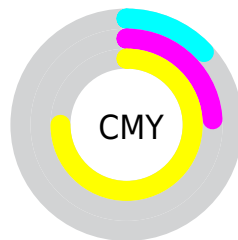


Cyan (0%)

Magenta (13%)

Yellow (71%)

Black (13%)



Cyan (13%)

Magenta (24%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color DEC241 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 DEC241 by changing the saturation by 10% instead.

 DEC241

 DEC241

FFFFFF

 C0A723

 FFFA78

 A38D00

 FFFF94

 867400

 FFFFB0

 6B5B00

 FFFFCC

 4F4400

 FFFFEE

 352E00

 1C1A00

 000000

 DEC241

 DEC241

 DEBE2B

 DEC657

 DEBA15

 DECA6D

 DEB600

 DECE84

 DED29A

 DED6B0

 DEDAC6

 DEDEDC

 DEE2F3

 DEE6FF

Harmonies

Analogous

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



FFAC55



DEC241



9FD357

Triad

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



DEC241



00DFFF



FF98FB

Complementary

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



DEC241



415DDE

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.



CFB0FF



DEC241



00D7FF

Square

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



DEC241



00E1C8



4FC7FF



FF8CBF

Rectangle

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



DEC241



6ADA77



4FC7FF



FF9FFF

Sweetspot

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



DEC241



FFF5C9



DE415E



807A60



000000



808080

Same Dimension

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



DEC241



FFD826



ACDE41



706E65



B09100



302800

Inverse Universe

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



415DDE



264DFF



7341DE



656770



001FB0



000930

Previews

White Background



This preview shows how the Hex color DEC241 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



This preview shows how the Hex color DEC241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

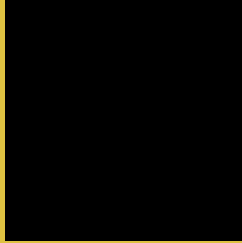
Any Text WCAG AA ✓ Pass

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 DEC241 Background



This preview shows how black text looks on a background with the Hex color DEC241.



This preview shows how white text looks on a background with the Hex color DEC241.

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
DEC241

Protanopia
DAC341

Deuteranopia
F4B944



Tritanopia
E8B5C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DEC241 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 #DEC241 looks like.

```
.text, #text, p{  
    color:#DEC241  
}
```

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 #DEC241 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEC241
}
```

Border

The CSS property to change the border of an element to Hex DEC241 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
#DEC241 }
```

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

```
.border{ border-color:#DEC241 }
```

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

Here you see how a box with a 4 pixel #DEC241 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEC241; -webkit-box-shadow:4px 4px  
4px 4px #DEC241; box-shadow:4px 4px 4px  
4px #DEC241 }
```

Background

The CSS property to change the background color of an element to Hex DEC241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEC241 }
```

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

```
.background{ background-color:#DEC241 }
```

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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