

Converting Colors

Hex(DEC167)

Have a look what the booklet for
Hex(DEC167) contains.

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Color

Hex(DEC167)

Conversions

Conversions Part 1

Format	Color
Hex	DEC167
RGB	222, 193, 103
RGB Percent	87%, 76%, 40%
CMY	0.1294, 0.2431, 0.5961
CMYK	0.00, 0.13, 0.54, 0.13
HSL	45°, 64%, 64%
HSV	45°, 54%, 87%
XYZ	51.6423, 54.6488, 20.6584
YIQ	191.4110, 46.1740, -21.8420

Conversions

Conversions Part 2

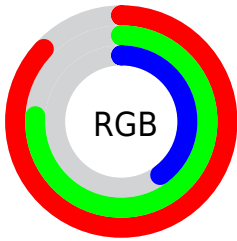
Format	Color
RYB	141, 222, 103
Decimal	14598503
CIELab	78.84, -0.79, 48.59
CIELCh	79, 48.598, 90.929
Yxy	54.6488, 0.4068, 0.4305
Android (android.graphics.Color)	4292788583 (0xFFDEC167)
YUV	191.4110, -43.5866, 26.8266
Hunter-Lab	73.9248, -4.6721, 35.1787

Details

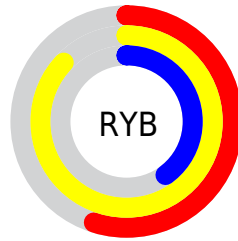
The Hex color **DEC167** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **6784DE**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **FFF99C**, and **A48C34** is the 20% darker color. If you saturate the color by 10%, you get **DEBC51**, and if you desaturate by 10%, it is **DEC67D**.

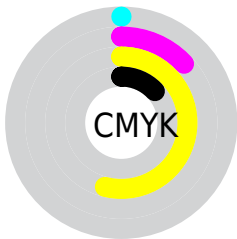
Distribution



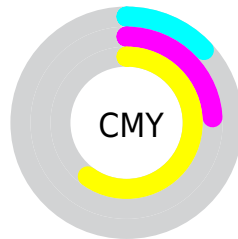
- Red (87%)
- Green (76%)
- Blue (40%)



- Red (55%)
- Yellow (87%)
- Blue (40%)



- Cyan (0%)
- Magenta (13%)
- Yellow (54%)
- Black (13%)



- Cyan (13%)
- Magenta (24%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color DEC167 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 DEC167 by changing the saturation by 10% instead.

 DEC167

 DEC167

FFFFFF

 C1A64D

 FFF99C

 A48C34

 FFFFFB8

 887219

 FFFFFD4

 6D5A00

 FFFFFF1

 534300

 392D00

 201900

 000000

 DEC167

 DEC167

 DEBC51

 DEC67D

 DEB63B

 DECC93

 DEB124

 DED1AA

 DEAB0E

 DED7C0

 DEA800

 DEDCD6

 DEE1EC

 DEE7FF

 DEECFF

 DEF2FF

Harmonies

Analogous

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



FFB175



DEC167



AFCE73

Triad

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



DEC167



00DAF0



FDA7F0

Complementary

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



DEC167



6784DE

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.



C9B7FF



DEC167



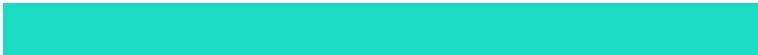
00D3FF

Square

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



DEC167



1ADBC3



7DC7FF



FF9FC4

Rectangle

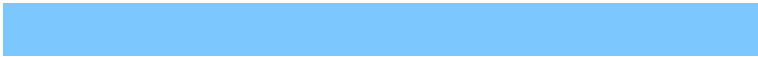
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DEC167



8BD588



7DC7FF



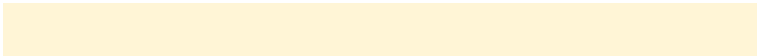
EEACFD

Sweetspot

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



DEC167



FFF5D6



DE6785



807A67



000000



808080

Same Dimension

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



DEC167



FFD75C



CODE67



706D65



B08500



302500

Inverse Universe

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



6784DE



5C84FF



8567DE



656870



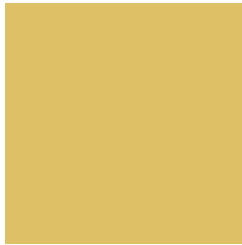
002BB0



000C30

Previews

White Background



This preview shows how the Hex color DEC167 looks on a white background.

Color Contrast Check

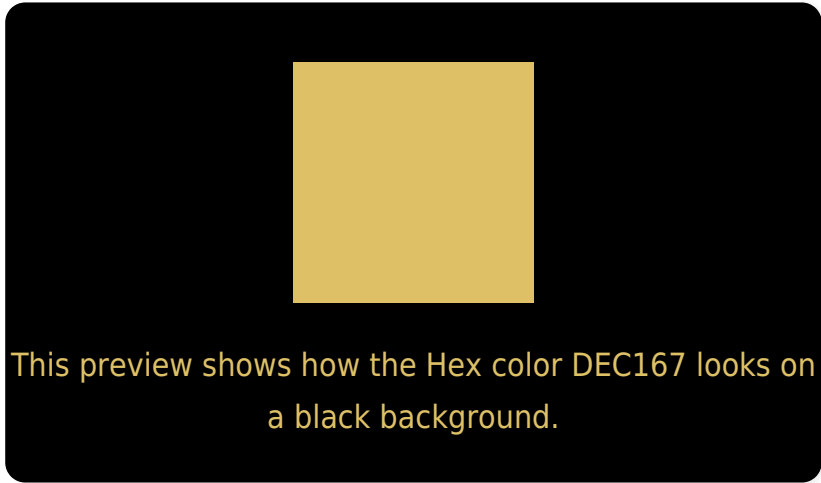
Large Text (above 18pt) WCAG AA × Fail

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 DEC167 Background



This preview shows how black text looks on a background with the Hex color DEC167.

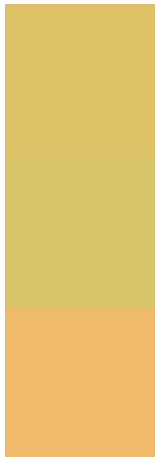


This preview shows how white text looks on a background with the Hex color DEC167.

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
DEC167

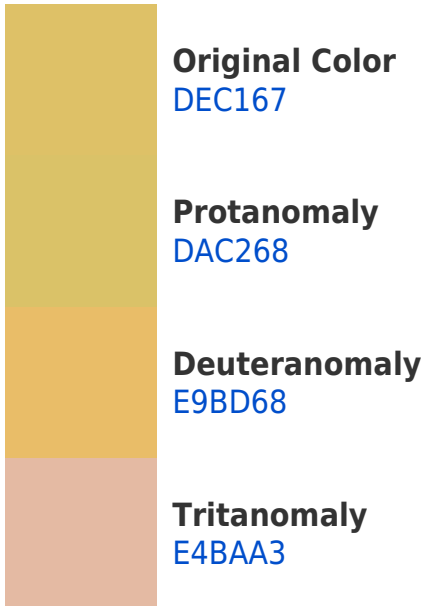
Protanopia
D7C368

Deuteranopia
EFBA69



Tritanopia
E7B6C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DEC167 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 #DEC167 looks like.

```
.text, #text, p{  
    color:#DEC167  
}
```

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 #DEC167 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEC167
}
```

Border

The CSS property to change the border of an element to Hex DEC167 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
#DEC167 }
```

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

```
.border{ border-color:#DEC167 }
```

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

Here you see how a box with a 4 pixel #DEC167 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEC167; -webkit-box-shadow:4px 4px  
4px 4px #DEC167; box-shadow:4px 4px 4px  
4px #DEC167 }
```

Background

The CSS property to change the background color of an element to Hex DEC167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEC167 }
```

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

```
.background{ background-color:#DEC167 }
```

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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