

Converting Colors

Hex(DEB077)

Have a look what the booklet for
Hex(DEB077) contains.

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Color

Hex(DEB077)

Conversions

Conversions Part 1

Format	Color
Hex	DEB077
RGB	222, 176, 119
RGB Percent	87%, 69%, 47%
CMY	0.1294, 0.3098, 0.5333
CMYK	0.00, 0.21, 0.46, 0.13
HSL	33°, 61%, 67%
HSV	33°, 46%, 87%
XYZ	48.9793, 47.9122, 24.1192
YIQ	183.2560, 45.7130, -7.9750

Conversions

Conversions Part 2

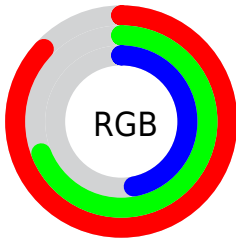
Format	Color
R_{YB}	202, 222, 119
Decimal	14594167
CIE _{Lab}	74.77, 9.61, 35.49
CIE _{LCh}	75, 36.766, 74.841
Yxy	47.9122, 0.4048, 0.3959
Android (android.graphics.Color)	4292784247 (0xFFDEB077)
YUV	183.2560, -31.6782, 33.9785
Hunter-Lab	69.2186, 5.1746, 27.7934

Details

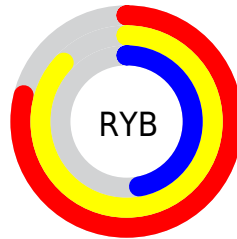
The Hex color **DEB077** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **77A5DE**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FFE8AC**, and **A57C45** is the 20% darker color. If you saturate the color by 10%, you get **DEA661**, and if you desaturate by 10%, it is **DEBA8D**.

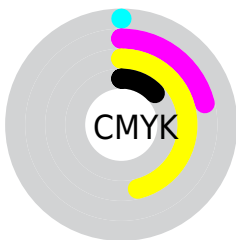
Distribution



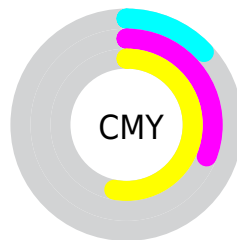
- Red (87%)
- Green (69%)
- Blue (47%)



- Red (79%)
- Yellow (87%)
- Blue (47%)



- Cyan (0%)
- Magenta (21%)
- Yellow (46%)
- Black (13%)



- Cyan (13%)
- Magenta (31%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color DEB077 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 DEB077 by changing the saturation by 10% instead.

 DEB077

 DEB077

FFFFFF

 C1955E

 FFE8AC

 A57C45

 FFFFC8

 89632E

 FFFFE4

 6E4B16

 543400

 3A1F00

 220900

 000000

 DEB077

 DEB077

 DEA661

 DEBA8D

 DE9C4B

 DEC4A3

 DE9234

 DECEBA

 DE881E

 DED8D0

 DE7E08

 DEE2E6

 DE7B00

 DEEBFC

 DEF5FF

 DEFFFF

Harmonies

Analogous

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



F4A58A



DEB077



BEBB76

Triad

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



DEB077



47CAC8



D1A9E8

Complementary

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



DEB077



77A5DE

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.



A3B5F9



DEB077



40C7E7

Square

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



DEB077



6FC9A5



6DC0F9



EFA0CB

Rectangle

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



DEB077



A5C17F



6DC0F9



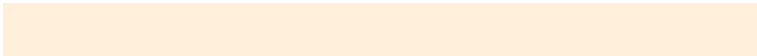
C3ADF0

Sweetspot

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



DEB077



FFEFD8



DE77A5



80766A



000000



808080

Same Dimension

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



DEB077



FFBF70



D9DE77



706B65



B06100



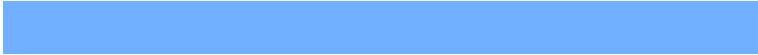
301B00

Inverse Universe

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



77A5DE



70B0FF



7C77DE



656A70



004FB0



001630

Previews

White Background



This preview shows how the Hex color DEB077 looks on a white background.

Color Contrast Check

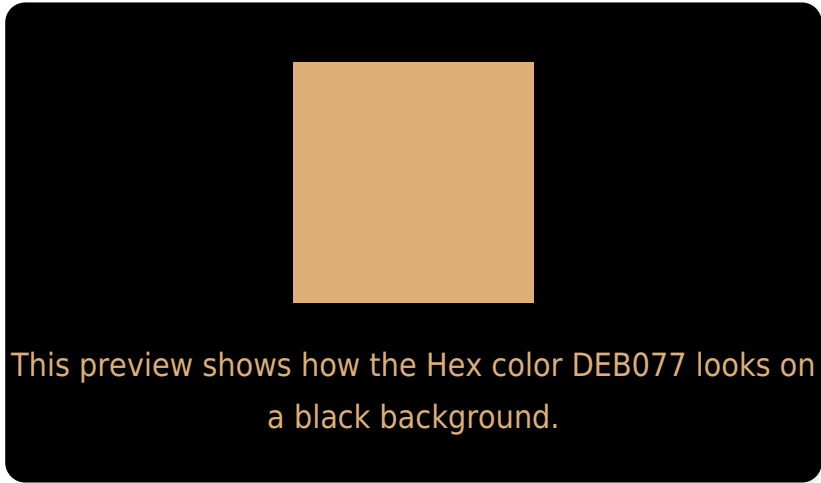
Large Text (above 18pt) WCAG AA × Fail

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

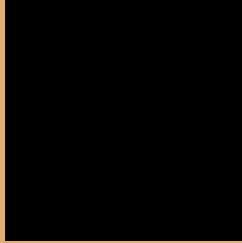
Any Text WCAG AA ✓ Pass

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 DEB077 Background



This preview shows how black text looks on a background with the Hex color DEB077.



This preview shows how white text looks on a background with the Hex color DEB077.

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
DEB077

Protanopia
C8B87A

Deuteranopia
DEB077



Tritanopia
E4A8B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DEB077 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 #DEB077 looks like.

```
.text, #text, p{  
    color:#DEB077  
}
```

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 #DEB077 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEB077  
}
```

Border

The CSS property to change the border of an element to Hex DEB077 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  
#DEB077 }
```

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

```
.border{ border-color:#DEB077 }
```

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

Here you see how a box with a 4 pixel #DEB077 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEB077; -webkit-box-shadow:4px 4px  
4px 4px #DEB077; box-shadow:4px 4px 4px  
4px #DEB077 }
```

Background

The CSS property to change the background color of an element to Hex DEB077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEB077 }
```

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

```
.background{ background-color:#DEB077 }
```

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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