

Converting Colors

Hex(DEB100)

Have a look what the booklet for
Hex(DEB100) contains.

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Color

Hex(DEB100)

Conversions

Conversions Part 1

Format	Color
Hex	DEB100
RGB	222, 177, 0
RGB Percent	87%, 69%, 0%
CMY	0.1294, 0.3059, 1.0000
CMYK	0.00, 0.20, 1.00, 0.13
HSL	48°, 100%, 44%
HSV	48°, 100%, 87%
XYZ	45.8463, 46.9739, 6.6505
YIQ	170.2770, 83.6370, -45.5070

Conversions

Conversions Part 2

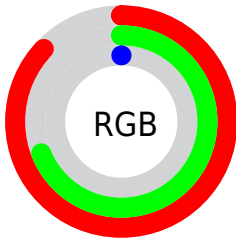
Format	Color
RYB	56, 222, 0
Decimal	14594304
CIELab	74.17, 3.45, 76.71
CIElCh	74, 76.784, 87.426
Yxy	46.9739, 0.4609, 0.4722
Android (android.graphics.Color)	4292784384 (0xFFDEB100)
YUV	170.2770, -83.9466, 45.3611
Hunter-Lab	68.5375, -0.5378, 42.2231

Details

The Hex color **DEB100** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle washed orange. A complement of this color would be **002DDE**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFE850**, and **A27D00** is the 20% darker color. If you saturate the color by 10%, you get **DEB100**, and if you desaturate by 10%, it is **DEB616**.

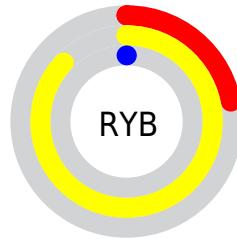
Distribution



Red (87%)

Green (69%)

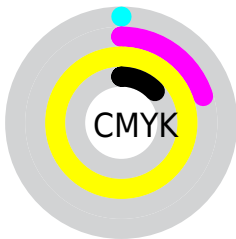
Blue (0%)



Red (22%)

Yellow (87%)

Blue (0%)

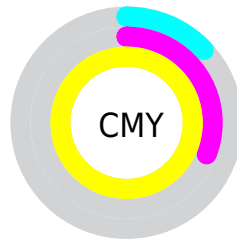


Cyan (0%)

Magenta (20%)

Yellow (100%)

Black (13%)



Cyan (13%)

Magenta (31%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color DEB100 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 DEB100 by changing the saturation by 10% instead.

 DEB100

 DEB100

FFFFFF

 C09700

 FFE850

 A27D00

 FFFF6D

 856400

 FFFF89

 674D00

 FFFFA6

 4C3600

 FFFFC3

 322100

 FFFFFE0

 190C00

FFFFFFE

 000000

 DEB100

 DEB616

 DEBA2C

 DEBF43

 DEC359

 DEC86F

 DECC85

 DED19B

 DED5B2

 DEDAC8

Harmonies

Analogous

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



FF953C



DEB100



99C525

Triad

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



DEB100



00D7F6



FF86FF

Complementary

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



DEB100



002DDE

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.



A9A6FF



DEB100



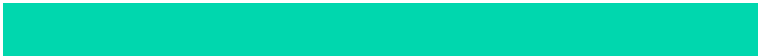
00D0FF

Square

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



DEB100



00D7AE



00C1FF



FF70C0

Rectangle

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



DEB100



5BCE50



00C1FF



ED91FF

Sweetspot

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



DEB100



FFEFB3



DE0030



807652



000000



808080

Same Dimension

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



DEB100



FFCB00



9FDE00



706E65



B08C00



302700

Inverse Universe

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



002DDE



0034FF



3F00DE



656770



0024B0



000A30

Previews

White Background



This preview shows how the Hex color DEB100 looks on a white background.

Color Contrast Check

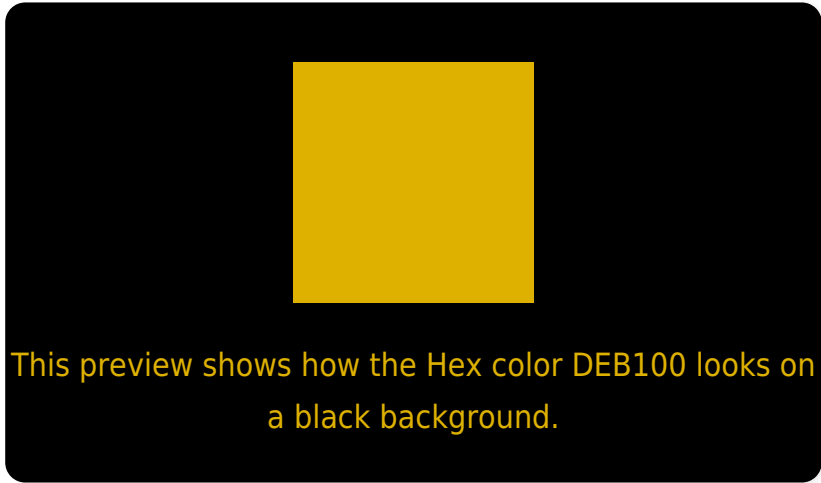
Large Text (above 18pt) WCAG AA × Fail

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 DEB100 Background



This preview shows how black text looks on a background with the Hex color DEB100.



This preview shows how white text looks on a background with the Hex color DEB100.

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](#).

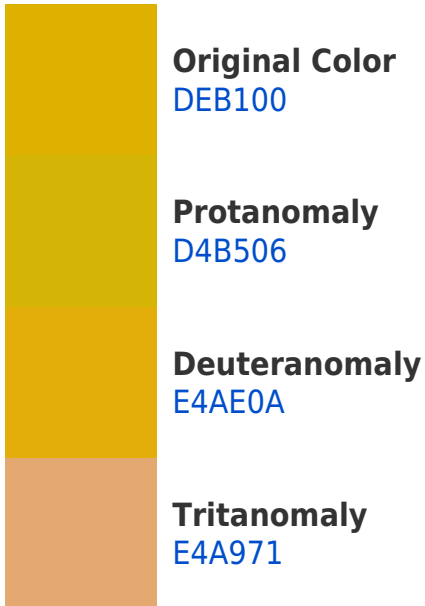
Dichromacy



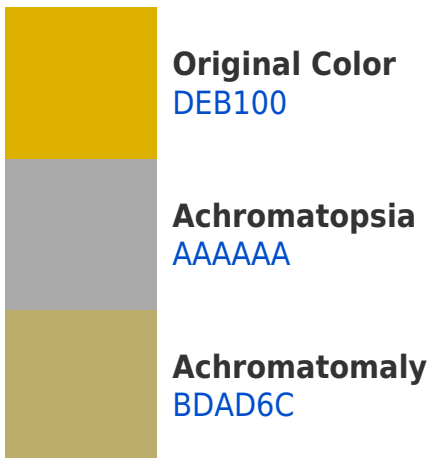


Tritanopia
E7A5B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DEB100 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 #DEB100 looks like.

```
.text, #text, p{  
    color:#DEB100  
}
```

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 #DEB100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEB100
}
```

Border

The CSS property to change the border of an element to Hex DEB100 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
#DEB100 }
```

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

```
.border{ border-color:#DEB100 }
```

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

Here you see how a box with a 4 pixel #DEB100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEB100; -webkit-box-shadow:4px 4px  
4px 4px #DEB100; box-shadow:4px 4px 4px  
4px #DEB100 }
```

Background

The CSS property to change the background color of an element to Hex DEB100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEB100 }
```

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

```
.background{ background-color:#DEB100 }
```

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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