

# Converting Colors

Hex(DEB193)

Have a look what the booklet for  
Hex(DEB193) contains.

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# **Color**

**Hex(DEB193)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DEB193
RGB	222, 177, 147
RGB Percent	87%, 69%, 58%
CMY	0.1294, 0.3059, 0.4235
CMYK	0.00, 0.20, 0.34, 0.13
HSL	24°, 53%, 72%
HSV	24°, 34%, 87%
XYZ	51.1128, 49.0805, 34.3833
YIQ	187.0350, 36.4500, 0.2100

# Conversions

## Conversions Part 2

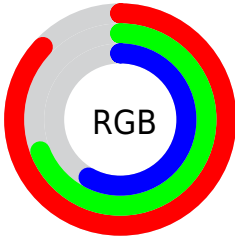
Format	Color
R <sub>Y</sub> B	222, 197, 147
Decimal	14594451
CIE Lab	75.50, 12.20, 21.57
CIE LCh	76, 24.777, 60.509
Yxy	49.0805, 0.3798, 0.3647
Android (android.graphics.Color)	4292784531 (0xFFDEB193)
YUV	187.0350, -19.7373, 30.6643
Hunter-Lab	70.0574, 7.6302, 19.9414

# Details

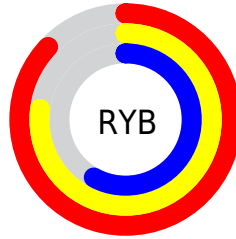
The Hex color **DEB193** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **93C0DE**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **FFE9C9**, and **A67C60** is the 20% darker color. If you saturate the color by 10%, you get **DEA47D**, and if you desaturate by 10%, it is **DEBEA9**.

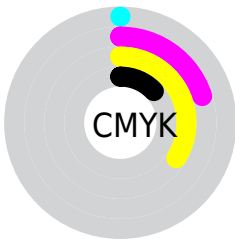
# Distribution



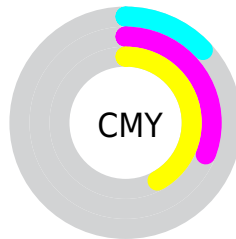
- Red (87%)
- Green (69%)
- Blue (58%)



- Red (87%)
- Yellow (77%)
- Blue (58%)



- Cyan (0%)
- Magenta (20%)
- Yellow (34%)
- Black (13%)



- Cyan (13%)
- Magenta (31%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DEB193 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 DEB193 by changing the saturation by 10% instead.



 DEB193

 DEB193

FFFFFF

 C19679

 FFE9C9

 A67C60

 FFFFFE5

 8A6348

 704B31

 56351C

 3D1F04

 260A00

 000000

 DEB193

 DEB193

 DEA47D

 DEBEA9

 DE9667

 DECCBF

 DE8950

 DED9D6

 DE7C3A

 DEE6EC

 DE6E24

 DEF4FF

 DE610E

 DEFFFF

 DE5900

# Harmonies

## Analogous

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



E8ABA4



DEB193



CBB98C

# Triad

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



DEB193



82C7BA



BEB4E1

# Complementary

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



DEB193



93CODE

# 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.



9FBCE7



DEB193



78C6D0

# Square

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



DEB193



98C5A3



84C2E1



D8ADD1

# Rectangle

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



DEB193



BBBD8F



84C2E1



B4B7E5

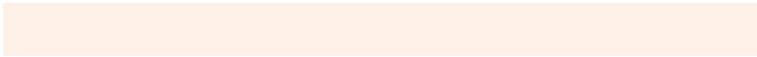


# Sweetspot

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



DEB193



FFF0E6



DE93C0



807670



000000



808080



# Same Dimension

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



DEB193



FFC096



DED793



706965



B04600



301300

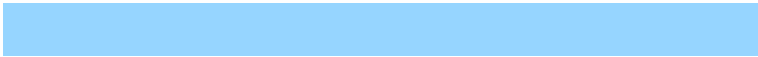


# Inverse Universe

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



93C0DE



96D5FF



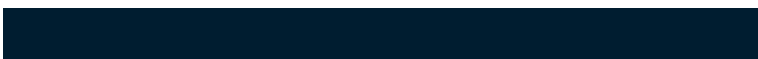
939BDE



656C70



006AB0



001D30



# Previews

## White Background



This preview shows how the Hex color DEB193 looks on a white background.

## Color Contrast Check

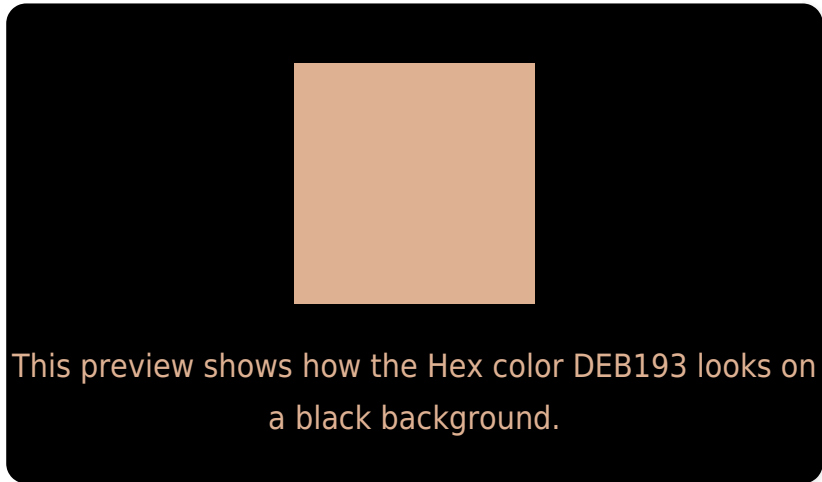
Large Text (above 18pt) WCAG AA × Fail

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

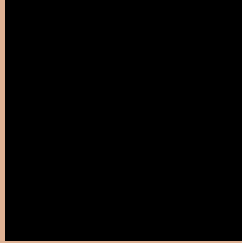
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DEB193 Background



This preview shows how black text looks on a background with the Hex color DEB193.

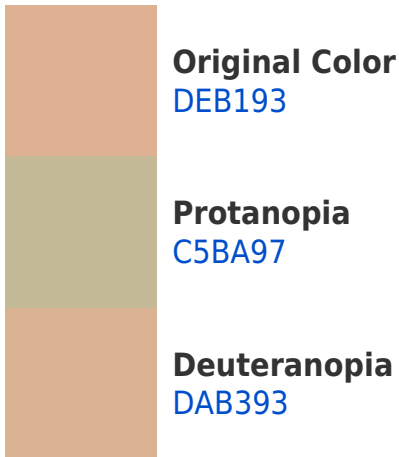


This preview shows how white text looks on a background with the Hex color DEB193.

# 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](#).

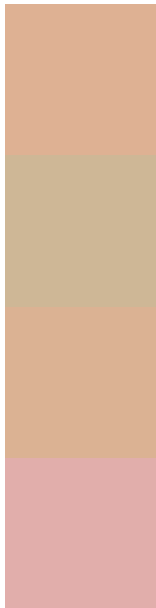
## Dichromacy





**Tritanopia**  
E2ACB9

# Trichromacy



**Original Color**  
DEB193

**Protanomaly**  
CEB796

**Deuteranomaly**  
DBB293

**Tritanomaly**  
E1AEAB

# Monochromacy



**Original Color**  
DEB193

**Achromatopsia**  
BBBBBB

**Achromatomaly**  
C8B7AC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DEB193 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 #DEB193 looks like.

```
.text, #text, p{  
    color:#DEB193  
}
```

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 #DEB193 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEB193
}
```

## Border

The CSS property to change the border of an element to Hex DEB193 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
#DEB193 }
```

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

```
.border{ border-color:#DEB193 }
```

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

Here you see how a box with a 4 pixel #DEB193 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEB193; -webkit-box-shadow:4px 4px  
4px 4px #DEB193; box-shadow:4px 4px 4px  
4px #DEB193 }
```

# Background

The CSS property to change the background color of an element to Hex DEB193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEB193 }
```

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

```
.background{ background-color:#DEB193 }
```

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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