

Converting Colors

Hex(DEB253)

Have a look what the booklet for
Hex(DEB253) contains.

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Color

Hex(DEB253)

Conversions

Conversions Part 1

Format	Color
Hex	DEB253
RGB	222, 178, 83
RGB Percent	87%, 70%, 33%
CMY	0.1294, 0.3020, 0.6745
CMYK	0.00, 0.20, 0.63, 0.13
HSL	41°, 68%, 60%
HSV	41°, 63%, 87%
XYZ	47.6059, 47.9949, 14.9385
YIQ	180.3260, 56.7190, -20.2170

Conversions

Conversions Part 2

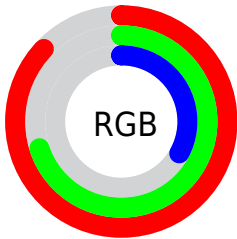
Format	Color
RYB	147, 222, 83
Decimal	14594643
CIELab	74.82, 5.61, 53.44
CIElCh	75, 53.730, 84.010
Yxy	47.9949, 0.4307, 0.4342
Android (android.graphics.Color)	4292784723 (0xFFDEB253)
YUV	180.3260, -47.9817, 36.5481
Hunter-Lab	69.2784, 1.4225, 35.7102

Details

The Hex color **DEB253** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **537FDE**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFE988**, and **A37E1E** is the 20% darker color. If you saturate the color by 10%, you get **DEAB3D**, and if you desaturate by 10%, it is **DEB969**.

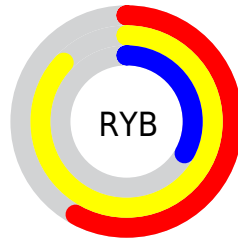
Distribution



Red (87%)

Green (70%)

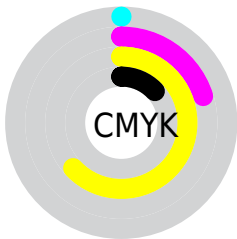
Blue (33%)



Red (58%)

Yellow (87%)

Blue (33%)

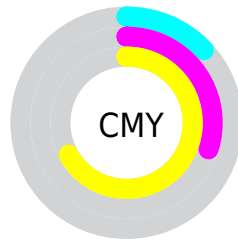


Cyan (0%)

Magenta (20%)

Yellow (63%)

Black (13%)



Cyan (13%)

Magenta (30%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color DEB253 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 DEB253 by changing the saturation by 10% instead.

 DEB253

 DEB253

FFFFFF

 C09739

 FFE988

 A37E1E

 FFFA3

 876500

 FFFFBF

 6B4D00

 FFFFDB

 503700

 FFFFF8

 362200

 1E0C00

 000000

 DEB253

 DEB253

 DEAB3D

 DEB969

 DEA427

 DEC07F

 DE9D10

 DEC796

 DE9800

 DECEAC

 DED5C2

 DEDCD8

 DEE3EE

 DEEAFF

 DEF1FF

Harmonies

Analogous

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



FFA069



DEB253



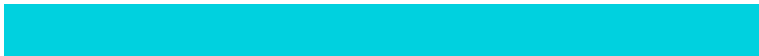
AEC15A

Triad

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



DEB253



00D1DF



EC9CF3

Complementary

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



DEB253



537FDE

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.



ACAFFF



DEB253



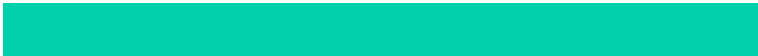
00CCFF

Square

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



DEB253



00D1AC



3FC0FF



FF8FC4

Rectangle

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



DEB253



88C96E



3FC0FF



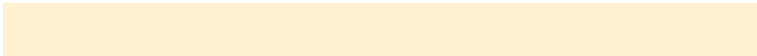
DAA2FF

Sweetspot

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



DEB253



FFF0CF



DE537F



807662



000000



808080

Same Dimension

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



DEB253



FFC240



C5DE53



706D65



B07800



302100

Inverse Universe

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



537FDE



407CFF



6C53DE



656970



0038B0



000F30

Previews

White Background



This preview shows how the Hex color DEB253 looks on a white background.

Color Contrast Check

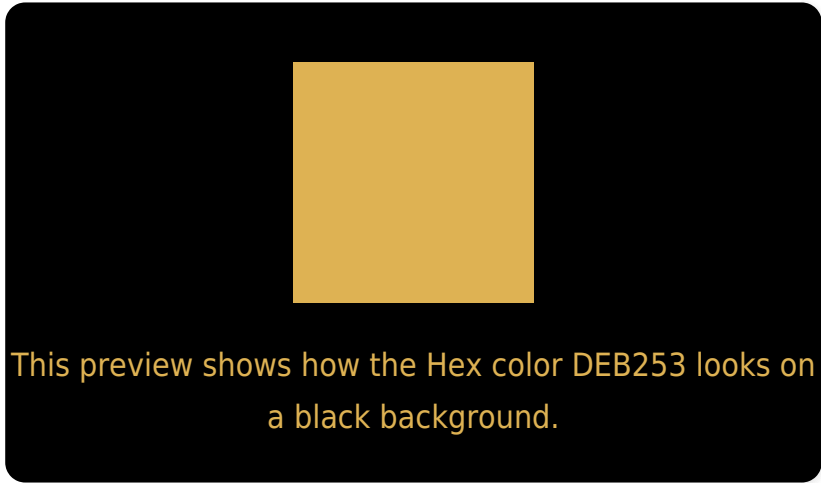
Large Text (above 18pt) WCAG AA × Fail

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 DEB253 Background



This preview shows how black text looks on a background with the Hex color DEB253.



This preview shows how white text looks on a background with the Hex color DEB253.

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
DEB253

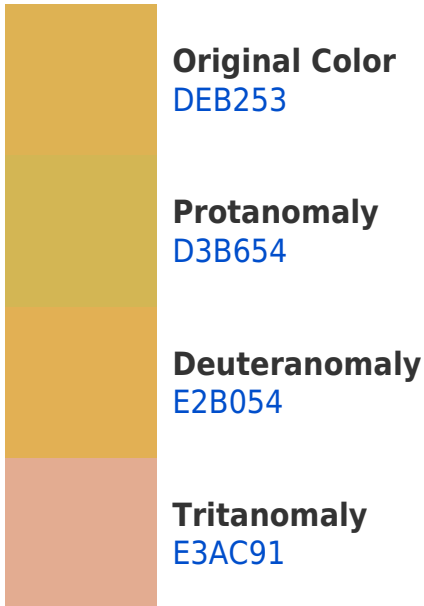
Protanopia
CCB955

Deuteranopia
E4AF54



Tritanopia
E6A8B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DEB253 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 #DEB253 looks like.

```
.text, #text, p{  
    color:#DEB253  
}
```

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 #DEB253 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEB253
}
```

Border

The CSS property to change the border of an element to Hex DEB253 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
#DEB253 }
```

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

```
.border{ border-color:#DEB253 }
```

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

Here you see how a box with a 4 pixel #DEB253 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEB253; -webkit-box-shadow:4px 4px  
4px 4px #DEB253; box-shadow:4px 4px 4px  
4px #DEB253 }
```

Background

The CSS property to change the background color of an element to Hex DEB253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEB253 }
```

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

```
.background{ background-color:#DEB253 }
```

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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