

Converting Colors

Hex(DE953B)

Have a look what the booklet for
Hex(DE953B) contains.

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Color

Hex(DE953B)

Conversions

Conversions Part 1

Format	Color
Hex	DE953B
RGB	222, 149, 59
RGB Percent	87%, 58%, 23%
CMY	0.1294, 0.4157, 0.7686
CMYK	0.00, 0.33, 0.73, 0.13
HSL	33°, 71%, 55%
HSV	33°, 73%, 87%
XYZ	41.6611, 37.3403, 9.1493
YIQ	160.5670, 72.3980, -12.5140

Conversions

Conversions Part 2

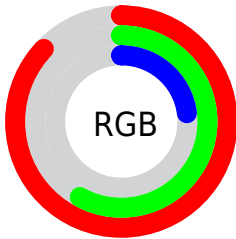
Format	Color
RYB	191, 222, 59
Decimal	14587195
CIELab	67.53, 19.76, 56.42
CIELCh	68, 59.780, 70.697
Yxy	37.3403, 0.4726, 0.4236
Android (android.graphics.Color)	4292777275 (0xFFDE953B)
YUV	160.5670, -50.0725, 53.8767
Hunter-Lab	61.1067, 14.7603, 33.8974

Details

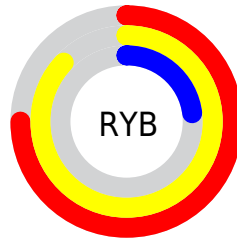
The Hex color **DE953B** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **3B84DE**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFCB6F**, and **A26200** is the 20% darker color. If you saturate the color by 10%, you get **DE8B25**, and if you desaturate by 10%, it is **DE9F51**.

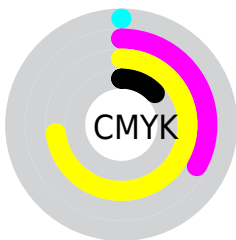
Distribution



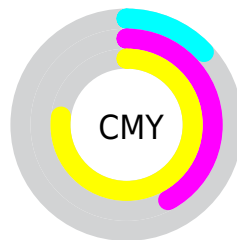
- Red (87%)
- Green (58%)
- Blue (23%)



- Red (75%)
- Yellow (87%)
- Blue (23%)



- Cyan (0%)
- Magenta (33%)
- Yellow (73%)
- Black (13%)



- Cyan (13%)
- Magenta (42%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE953B 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 DE953B by changing the saturation by 10% instead.

 DE953B

 DE953B

FFFFFF

 C07B20

 FFCB6F

 A26200

 FFE78A

 854A00

 FFFFA5

 683300

 FFFFC1

 4C1E00

 FFFFDE

 310800

 FFFFFB

 140000

 000000

 DE953B

 DE953B

 DE8B25

 DE9F51

 DE810F

 DEA967

 DE7B00

 DEB37E

 DEBD94

 DEC7AA

 DED1C0

 DEDBD6

 DEE5ED

 DEEEFF

Harmonies

Analogous

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



FE8061



DE953B



AFA831

Triad

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



DE953B



00BFB7



C18EF7

Complementary

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



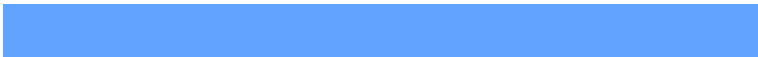
DE953B



3B84DE

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.



61A4FF



DE953B



00BCE9

Square

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



DE953B



00BC7F



00B4FF



F47AC9

Rectangle

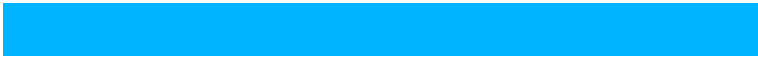
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DE953B



8AB141



00B4FF



A796FF

Sweetspot

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



DE953B



FFE6C7



DE3B84



80715E



000000



808080

Same Dimension

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



DE953B



FF9B1F



D6DE3B



706B65



B06100



301B00

Inverse Universe

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



3B84DE



1F83FF



433BDE



656A70



004FB0



001630

Previews

White Background



This preview shows how the Hex color DE953B looks on a white background.

Color Contrast Check

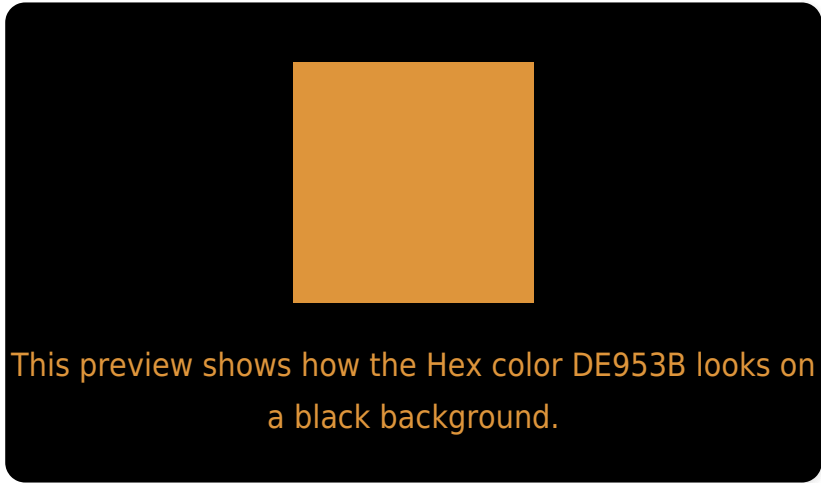
Large Text (above 18pt) WCAG AA × Fail

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 DE953B Background



This preview shows how black text looks on a background with the Hex color DE953B.

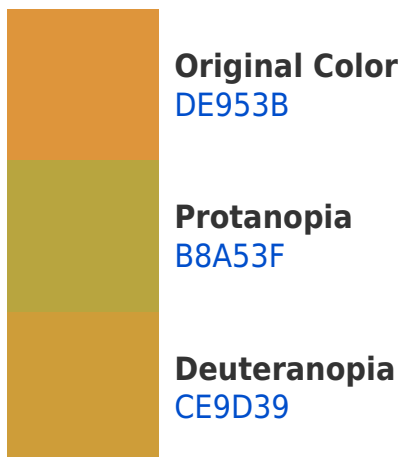


This preview shows how white text looks on a background with the Hex color DE953B.

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](#).

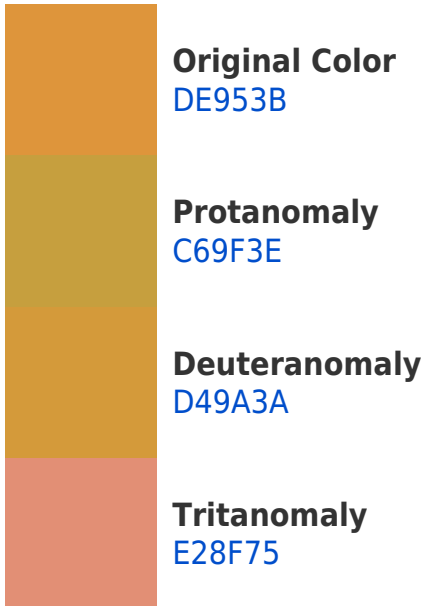
Dichromacy





Tritanopia
E48C96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DE953B 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 #DE953B looks like.

```
.text, #text, p{  
    color:#DE953B  
}
```

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 #DE953B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE953B
}
```

Border

The CSS property to change the border of an element to Hex DE953B 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
#DE953B }
```

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

```
.border{ border-color:#DE953B }
```

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

Here you see how a box with a 4 pixel #DE953B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE953B; -webkit-box-shadow:4px 4px  
4px 4px #DE953B; box-shadow:4px 4px 4px  
4px #DE953B }
```

Background

The CSS property to change the background color of an element to Hex DE953B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE953B }
```

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

```
.background{ background-color:#DE953B }
```

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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