

Converting Colors

Hex(DE8354)

Have a look what the booklet for
Hex(DE8354) contains.

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Color

Hex(DE8354)

Conversions

Conversions Part 1

Format	Color
Hex	DE8354
RGB	222, 131, 84
RGB Percent	87%, 51%, 33%
CMY	0.1294, 0.4863, 0.6706
CMYK	0.00, 0.41, 0.62, 0.13
HSL	20°, 68%, 60%
HSV	20°, 62%, 87%
XYZ	39.8407, 32.4023, 12.5419
YIQ	152.8510, 69.3230, 4.6750

Conversions

Conversions Part 2

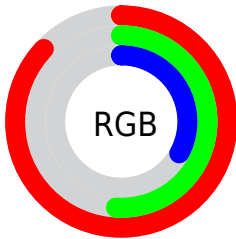
Format	Color
RYB	222, 155, 84
Decimal	14582612
CIELab	63.67, 30.77, 40.06
CIELCh	64, 50.514, 52.467
Yxy	32.4023, 0.4699, 0.3822
Android (<code>android.graphics.Color</code>)	4292772692 (<code>0xFFDE8354</code>)
YUV	152.8510, -33.9435, 60.6437
Hunter-Lab	56.9230, 25.3179, 26.7826

Details

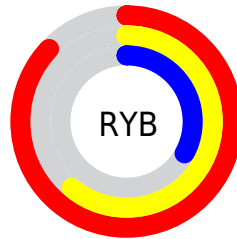
The Hex color **DE8354** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **54AFDE**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FFB987**, and **A25024** is the 20% darker color. If you saturate the color by 10%, you get **DE743E**, and if you desaturate by 10%, it is **DE926A**.

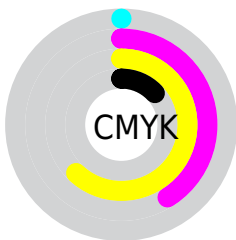
Distribution



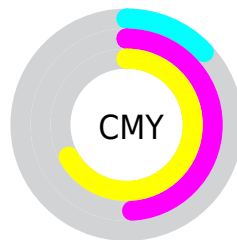
- Red (87%)
- Green (51%)
- Blue (33%)



- Red (87%)
- Yellow (61%)
- Blue (33%)



- Cyan (0%)
- Magenta (41%)
- Yellow (62%)
- Black (13%)



- Cyan (13%)
- Magenta (49%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE8354 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 DE8354 by changing the saturation by 10% instead.

 DE8354

 DE8354

FFFFFF

 C0693C

 FFB987

 A25024

 FFD5A1

 85380C

 FFF1BD

 692000

 FFFFD9

 4C0600

 FFFFF5

 320000

 090000

 000000

 DE8354

 DE8354

 DE743E

 DE926A

 DE6628

 DEA080

 DE5711

 DEAF97

 DE4C00

 DEBEAD

 DECCCC

 DEDBD9

 DEE9EF

 DEF8FF

 DEFFFF

Harmonies

Analogous

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



EE767A



DE8354



BE943E

Triad

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



DE8354



00B08D



8A93EE

Complementary

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



DE8354



54AFDE

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.



00A2F3



DE8354



00B1BB

Square

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



DE8354



5CAB61



00ACE1



C781D2

Rectangle

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



DE8354



A29E3E



00ACE1



6E99F2

Sweetspot

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



DE8354



FFDFCF



DE54B0



806C62



000000



808080

Same Dimension

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



DE8354



FF8140



DEC754



706965



B03C00



301100

Inverse Universe

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



54AFDE



40BEFF



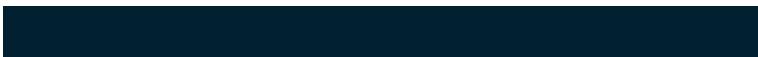
546BDE



656C70



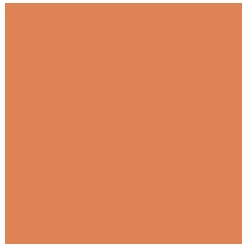
0074B0



002030

Previews

White Background



This preview shows how the Hex color DE8354 looks on a white background.

Color Contrast Check

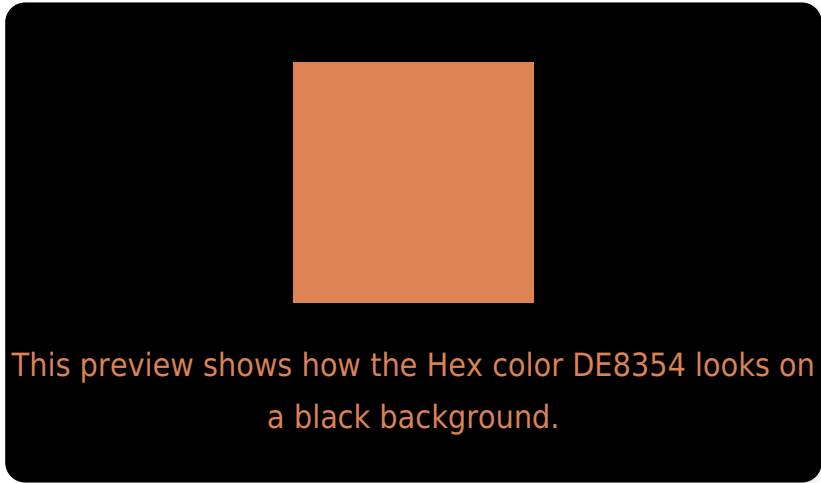
Large Text (above 18pt) WCAG AA × Fail

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

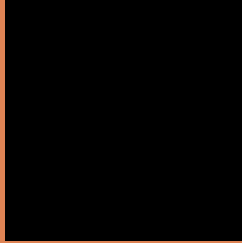
Any Text WCAG AA ✓ Pass

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 DE8354 Background



This preview shows how black text looks on a background with the Hex color DE8354.

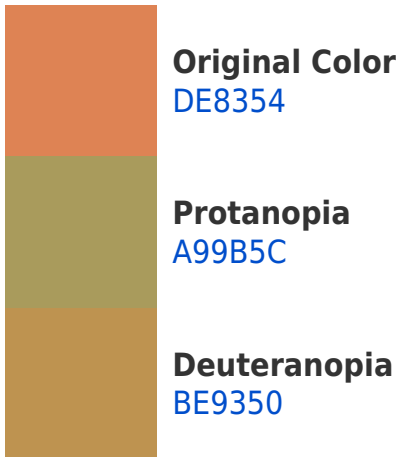



This preview shows how white text looks on a background with the Hex color DE8354.

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](#).

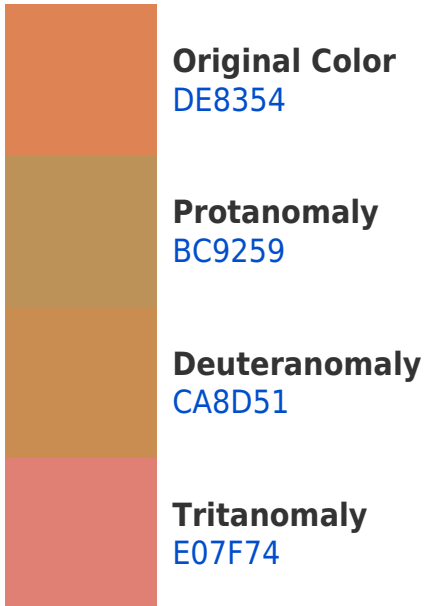
Dichromacy



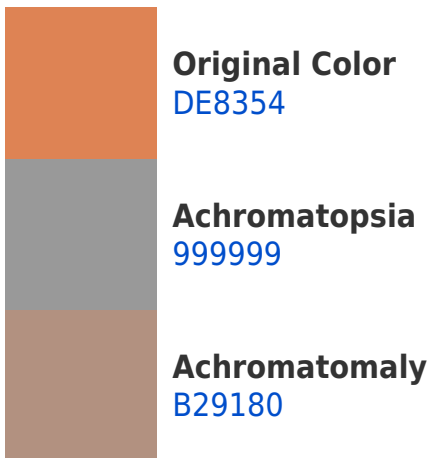


Tritanopia
E17D86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DE8354 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 #DE8354 looks like.

```
.text, #text, p{  
    color:#DE8354  
}
```

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 #DE8354 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE8354
}
```

Border

The CSS property to change the border of an element to Hex DE8354 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
#DE8354 }
```

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

```
.border{ border-color:#DE8354 }
```

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

Here you see how a box with a 4 pixel #DE8354 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE8354; -webkit-box-shadow:4px 4px  
4px 4px #DE8354; box-shadow:4px 4px 4px  
4px #DE8354 }
```

Background

The CSS property to change the background color of an element to Hex DE8354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE8354 }
```

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

```
.background{ background-color:#DE8354 }
```

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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