

# Converting Colors

Hex(D2834E)

Have a look what the booklet for  
Hex(D2834E) contains.

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# **Color**

**Hex(D2834E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D2834E
RGB	210, 131, 78
RGB Percent	82%, 51%, 31%
CMY	0.1765, 0.4863, 0.6941
CMYK	0.00, 0.38, 0.63, 0.18
HSL	24°, 59%, 56%
HSV	24°, 63%, 82%
XYZ	36.0698, 30.4843, 11.1907
YIQ	148.5790, 64.0970, 0.2650

# Conversions

## Conversions Part 2

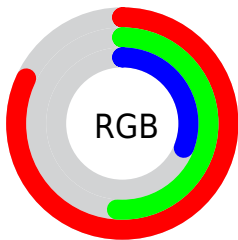
Format	Color
R <sub>Y</sub> B	210, 167, 78
Decimal	13796174
CIE Lab	62.07, 25.49, 40.92
CIE LCh	62, 48.209, 58.081
Yxy	30.4843, 0.4640, 0.3921
Android (android.graphics.Color)	4291986254 (0xFFD2834E)
YUV	148.5790, -34.7954, 53.8662
Hunter-Lab	55.2126, 19.9901, 26.6317

# Details

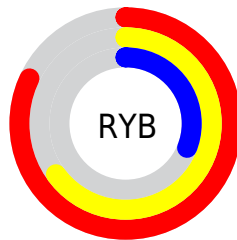
The Hex color **D2834E** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **4E9DD2**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **FFB881**, and **97511E** is the 20% darker color. If you saturate the color by 10%, you get **D27639**, and if you desaturate by 10%, it is **D29063**.

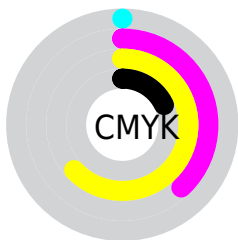
# Distribution



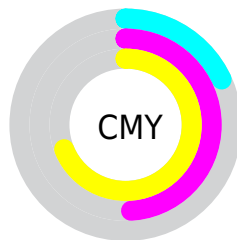
- Red (82%)
- Green (51%)
- Blue (31%)



- Red (82%)
- Yellow (65%)
- Blue (31%)



- Cyan (0%)
- Magenta (38%)
- Yellow (63%)
- Black (18%)



- Cyan (18%)
- Magenta (49%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D2834E 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 D2834E by changing the saturation by 10% instead.



 D2834E

 D2834E

FFFFFF

 B46936

 FF8881

 97511E

 FFD49B

 7A3905

 FFF1B6

 5F2200

 FFFFD2

 430B00

 FFFFEF

 2B0000

 000000

 D2834E

 D2834E

 D27639

 D29063

 D26A24

 D29C78

 D25D0F

 D2A98D

 D25400

 D2B5A2

 D2C2B7

 D2CECC

 D2DBE1

 D2E8F6

 D2F4FF

# Harmonies

## Analogous

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



E47570



D2834E



B1933D

# Triad

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



D2834E



00AB92



948CE2

# Complementary

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



D2834E



4E9DD2

# 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.



3A9BEB



D2834E



00ABBD

# Square

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



D2834E



50A767



00A6DE



C87BC4

# Rectangle

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



D2834E



969C41



00A6DE



7C91E7

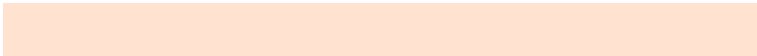


# Sweetspot

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



D2834E



FFE2CF



D24E9D



806E62



000000



808080



# Same Dimension

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



D2834E



FF8D40



D2C54E



69625E



A84400



291000



# Inverse Universe

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



4E9DD2



40B2FF



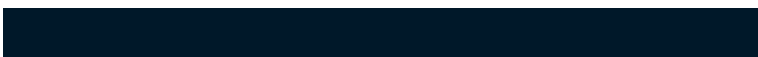
4E5BD2



5E6469



0065A8

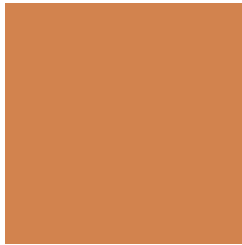


001829



# Previews

## White Background



This preview shows how the Hex color D2834E looks on a white background.

## Color Contrast Check

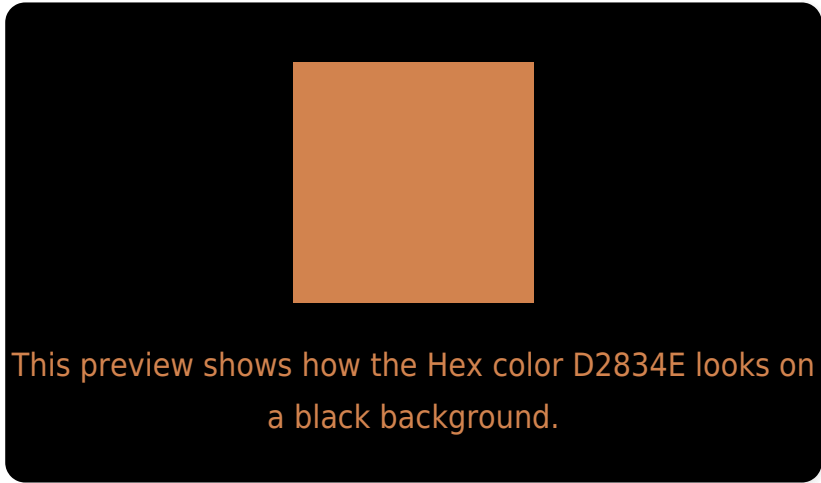
Large Text (above 18pt) WCAG AA × Fail

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

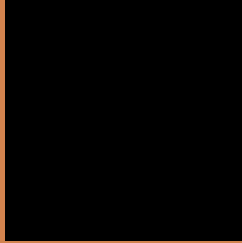
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D2834E Background



This preview shows how black text looks on a background with the Hex color D2834E.

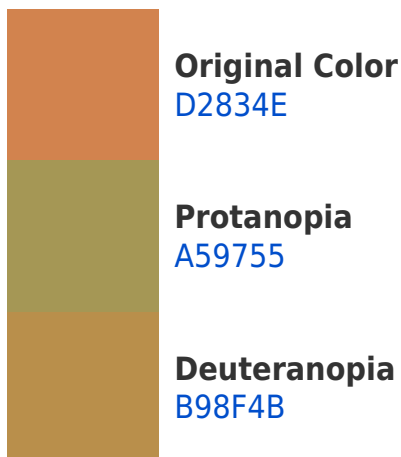



This preview shows how white text looks on a background with the Hex color D2834E.

# 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](#).

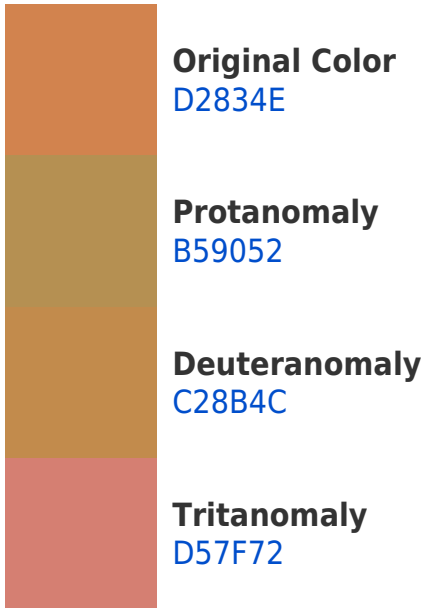
## Dichromacy



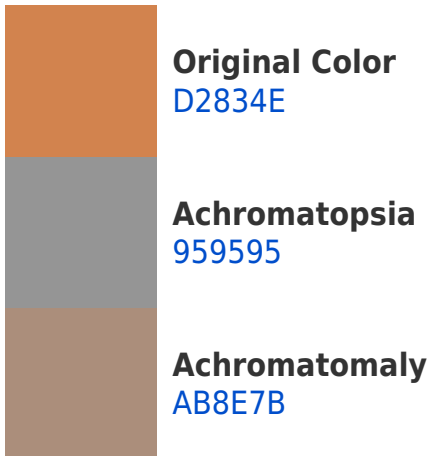


**Tritanopia**  
D67C86

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D2834E 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 #D2834E looks like.

```
.text, #text, p{  
    color:#D2834E  
}
```

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 #D2834E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2834E
}
```

## Border

The CSS property to change the border of an element to Hex D2834E 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
#D2834E }
```

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

```
.border{ border-color:#D2834E }
```

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

Here you see how a box with a 4 pixel #D2834E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2834E; -webkit-box-shadow:4px 4px  
4px 4px #D2834E; box-shadow:4px 4px 4px  
4px #D2834E }
```

# Background

The CSS property to change the background color of an element to Hex D2834E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2834E }
```

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

```
.background{ background-color:#D2834E }
```

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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