

Converting Colors

Hex(E2875F)

Have a look what the booklet for
Hex(E2875F) contains.

Hex(E2875F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E2875F)

Conversions

Conversions Part 1

Format	Color
Hex	E2875F
RGB	226, 135, 95
RGB Percent	89%, 53%, 37%
CMY	0.1137, 0.4706, 0.6275
CMYK	0.00, 0.40, 0.58, 0.11
HSL	18°, 69%, 63%
HSV	18°, 58%, 89%
XYZ	42.0936, 34.3229, 15.2329
YIQ	157.6490, 67.0760, 6.8520

Conversions

Conversions Part 2

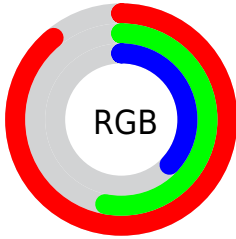
Format	Color
R_{YB}	226, 153, 95
Decimal	14845791
CIE _{Lab}	65.22, 31.04, 36.21
CIE _{LCh}	65, 47.692, 49.390
Yxy	34.3229, 0.4593, 0.3745
Android (android.graphics.Color)	4293035871 (0xFFE2875F)
YUV	157.6490, -30.8860, 59.9438
Hunter-Lab	58.5858, 25.7262, 25.5940

Details

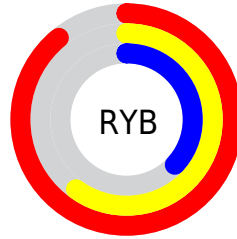
The Hex color **E2875F** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **5FBAE2**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFBD92**, and **A6542F** is the 20% darker color. If you saturate the color by 10%, you get **E27748**, and if you desaturate by 10%, it is **E29776**.

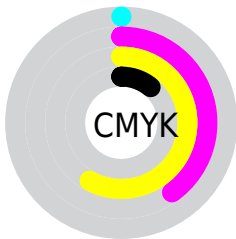
Distribution



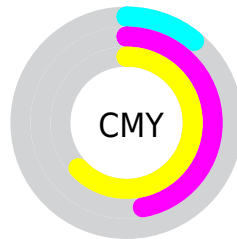
- Red (89%)
- Green (53%)
- Blue (37%)



- Red (89%)
- Yellow (60%)
- Blue (37%)



- Cyan (0%)
- Magenta (40%)
- Yellow (58%)
- Black (11%)



- Cyan (11%)
- Magenta (47%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color E2875F 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 E2875F by changing the saturation by 10% instead.

 E2875F

 E2875F

FFFFFF

 C46D47

 FFBD92

 A6542F

 FFD9AD

 893C19

 FFF6C9


 6D2400

 FFFFE5

 510A00

 360000

 160000

 000000

 E2875F

 E2875F

 E27748

 E29776

 E26832

 E2A68C

 E2581B

 E2B6A3

 E24805

 E2C6B9

 E24500

 E2D5D0

 E2E5E7

 E2F5FD

 E2FFFF

Harmonies

Analogous

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



EF7C84



E2875F



C59749

Triad

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



E2875F



11B38D



8999EF

Complementary

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



E2875F



5FBAE2

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.



18A7F2



E2875F



00B4B9

Square

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



E2875F



6BAE65



00B0DE



C488D6

Rectangle

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



E2875F



ABA047



00B0DE



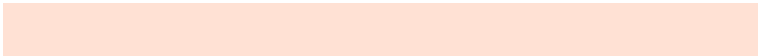
6E9EF2

Sweetspot

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



E2875F



FFE1D4



E25FBB



806E66



000000



808080

Same Dimension

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



E2875F



FF834D



E2C85F



706865



B03600



300F00

Inverse Universe

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



5FBAE2



4DC8FF



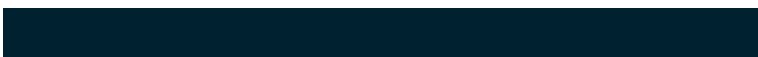
5F79E2



656D70



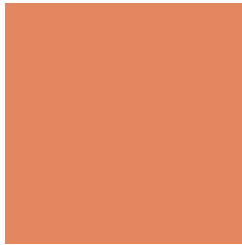
007AB0



002230

Previews

White Background



This preview shows how the Hex color E2875F 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

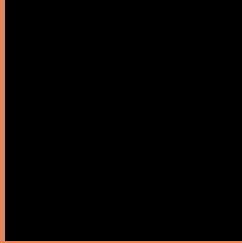
Any Text WCAG AA ✓ Pass

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 E2875F Background



This preview shows how black text looks on a background with the Hex color E2875F.



This preview shows how white text looks on a background with the Hex color E2875F.

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
E2875F

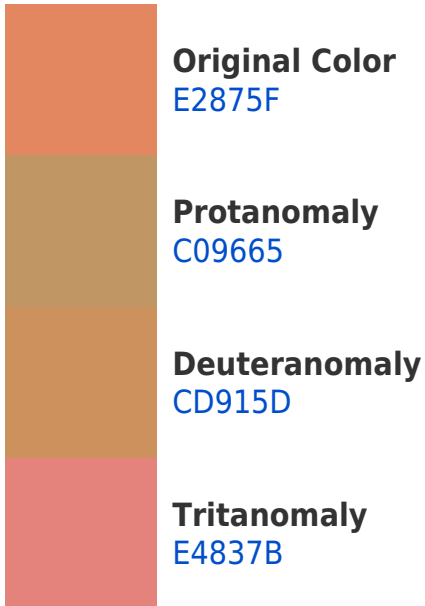
Protanopia
AC9F68

Deuteranopia
C1975C



Tritanopia
E5818B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E2875F 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 #E2875F looks like.

```
.text, #text, p{  
    color:#E2875F  
}
```

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 #E2875F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2875F
}
```

Border

The CSS property to change the border of an element to Hex E2875F 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
#E2875F }
```

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

```
.border{ border-color:#E2875F }
```

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

Here you see how a box with a 4 pixel #E2875F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2875F; -webkit-box-shadow:4px 4px  
4px 4px #E2875F; box-shadow:4px 4px 4px  
4px #E2875F }
```

Background

The CSS property to change the background color of an element to Hex E2875F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2875F }
```

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

```
.background{ background-color:#E2875F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor