

# Converting Colors

Hex(E27E53)

Have a look what the booklet for  
Hex(E27E53) contains.

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**Color**

**Hex(E27E53)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E27E53
RGB	226, 126, 83
RGB Percent	89%, 49%, 33%
CMY	0.1137, 0.5059, 0.6745
CMYK	0.00, 0.44, 0.63, 0.11
HSL	18°, 71%, 61%
HSV	18°, 63%, 89%
XYZ	40.3862, 31.7150, 12.1766
YIQ	150.9980, 73.4030, 7.8270

# Conversions

## Conversions Part 2

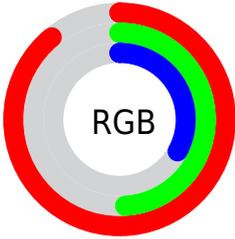
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	226, 144, 83
Decimal	14843475
CIE <sub>Lab</sub>	63.11, 34.92, 40.03
CIE <sub>LCh</sub>	63, 53.123, 48.903
Yxy	31.7150, 0.4792, 0.3763
Android (android.graphics.Color)	4293033555 (0xFFE27E53)
YUV	150.9980, -33.5230, 65.7768
Hunter-Lab	56.3161, 29.4555, 26.6016

# Details

The Hex color **E27E53** 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 **53B7E2**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FFB486**, and **A64B24** is the 20% darker color. If you saturate the color by 10%, you get **E26E3C**, and if you desaturate by 10%, it is **E28E6A**.

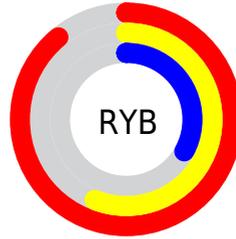
# Distribution



Red (89%)

Green (49%)

Blue (33%)



Red (89%)

Yellow (56%)

Blue (33%)

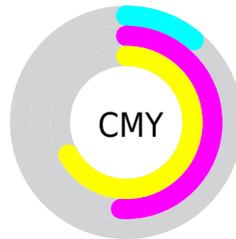


Cyan (0%)

Magenta (44%)

Yellow (63%)

Black (11%)



Cyan (11%)

Magenta (51%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E27E53 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 E27E53 by changing the saturation by 10% instead.



 E27E53

 E27E53

FFFFFF

 C4643B

 FFB486

 A64B24

 FFD0A0

 88320C

 FFECBB

 6C1900

 FFFFD7

 4F0000

 FFFFF4

 340000

 0D0000

 000000

 E27E53

 E27E53

 E26E3C

 E28E6A

 E25E26

 E29E80

 E24F0F

 E2AD97

 E24400

 E2BDAD

 E2CDC4

 E2DDDB

 E2EDF1

 E2FCFF

 E2FFFF

# Harmonies

## Analogous

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



F0707D



E27E53



C29038

# Triad

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



E27E53



00AF85



7D93F2

# Complementary

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



E27E53



53B7E2

# 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.



00A3F5



E27E53



00B0B6

# Square

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



E27E53



5EAA58



00ACDF



C180D7

# Rectangle

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



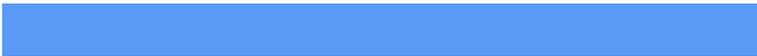
E27E53



A69B35



00ACDF



5B99F6



# Sweetspot

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



E27E53



FFDDCF



E253B7



806B62



000000



808080



# Same Dimension

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



E27E53



FF773D



E2C553



706865



B03500



300F00

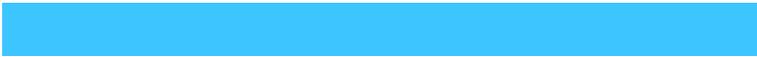


# Inverse Universe

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



53B7E2



3DC5FF



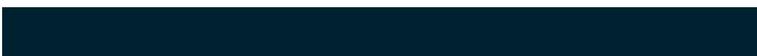
5370E2



656D70



007BB0



002230



# Previews

## White Background



This preview shows how the Hex color E27E53 looks on a white background.

## Color Contrast Check

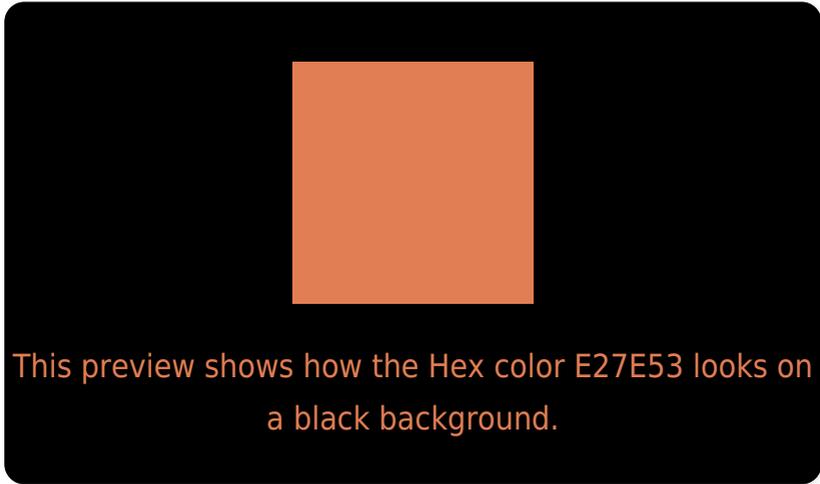
Large Text (above 18pt) WCAG AA × Fail

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

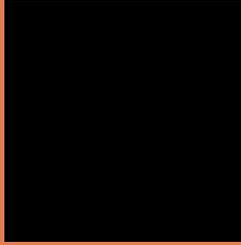
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E27E53 Background



This preview shows how black text looks on a background with the Hex color E27E53.



This preview shows how white text looks on a background with the Hex color E27E53.

# 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](#).

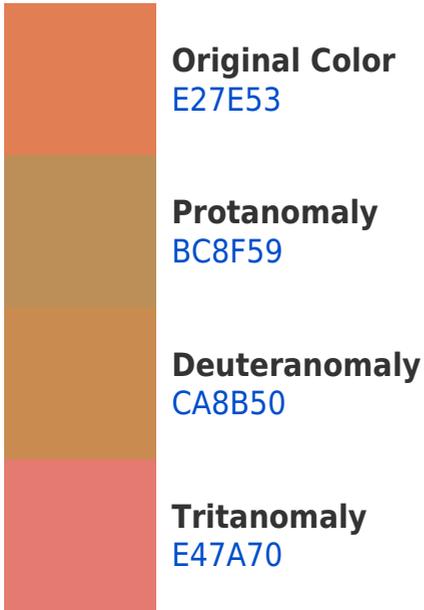
## Dichromacy





**Tritanopia**  
E57881

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E27E53 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 #E27E53 looks like.

```
.text, #text, p{  
    color:#E27E53  
}
```

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 #E27E53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E27E53
}
```

## Border

The CSS property to change the border of an element to Hex E27E53 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
#E27E53 }
```

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

```
.border{ border-color:#E27E53 }
```

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

Here you see how a box with a 4 pixel #E27E53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E27E53; -webkit-box-shadow:4px 4px  
4px 4px #E27E53; box-shadow:4px 4px 4px  
4px #E27E53 }
```

# Background

The CSS property to change the background color of an element to Hex E27E53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E27E53 }
```

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

```
.background{ background-color:#E27E53 }
```

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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