

Converting Colors

Hex(E97525)

Have a look what the booklet for
Hex(E97525) contains.

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Color

Hex(E97525)

Conversions

Conversions Part 1

Format	Color
Hex	E97525
RGB	233, 117, 37
RGB Percent	91%, 46%, 15%
CMY	0.0863, 0.5412, 0.8549
CMYK	0.00, 0.50, 0.84, 0.09
HSL	24°, 82%, 53%
HSV	24°, 84%, 91%
XYZ	40.2995, 30.1798, 5.4515
YIQ	142.5640, 94.8160, -0.2880

Conversions

Conversions Part 2

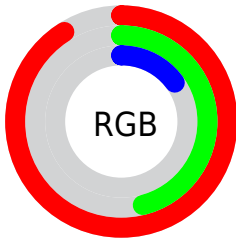
Format	Color
RYB	233, 172, 37
Decimal	15299877
CIELab	61.81, 40.24, 60.44
CIElCh	62, 72.612, 56.343
Yxy	30.1798, 0.5307, 0.3975
Android (android.graphics.Color)	4293489957 (0xFFE97525)
YUV	142.5640, -52.0431, 79.3124
Hunter-Lab	54.9361, 34.8040, 32.5717

Details

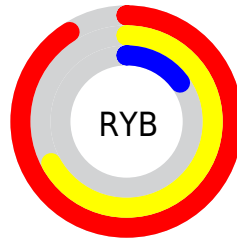
The Hex color **E97525** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **2599E9**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **FFAB5A**, and **AA4200** is the 20% darker color. If you saturate the color by 10%, you get **E9670E**, and if you desaturate by 10%, it is **E9833C**.

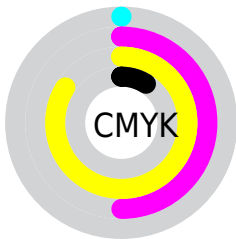
Distribution



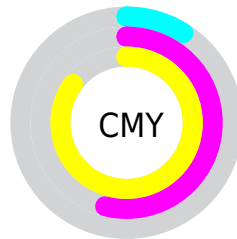
- Red (91%)
- Green (46%)
- Blue (15%)



- Red (91%)
- Yellow (67%)
- Blue (15%)



- Cyan (0%)
- Magenta (50%)
- Yellow (84%)
- Black (9%)



- Cyan (9%)
- Magenta (54%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color E97525 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 E97525 by changing the saturation by 10% instead.

 E97525

 E97525

FFFFFF

 C95B02

 FFAB5A

 AA4200

 FFC774

 8C2800

 FFE38F

 6D0A00

 FFFFAA

 500000

 FFFFC6

 360001

 FFFFEE

 0D0000

 000000

 E97525

 E97525

 E9670E

 E9833C

 E95F00

 E99154

 E99E6B

 E9AC82

 E9BA9A

 E9C8B1

 E9D6C8

 E9E3DF

 E9F1F7

Harmonies

Analogous

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



FF5960



E97525



BA9000

Triad

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



E97525



00B28B



8288FF

Complementary

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



E97525



2599E9

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.



00A0FF



E97525



00B2CD

Square

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



E97525



00AD49



00ADFF



DA68DE

Rectangle

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



E97525



929D00



00ADFF



4C91FF

Sweetspot

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



E97525



FFD9BF



E9259B



806959



000000



808080

Same Dimension

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



E97525



FF6800



E9D525



756E6A



B54A00



361600

Inverse Universe

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



2599E9



0097FF



2539E9



6A7175



006BB5



002036

Previews

White Background



This preview shows how the Hex color E97525 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 E97525 Background



This preview shows how black text looks on a background with the Hex color E97525.

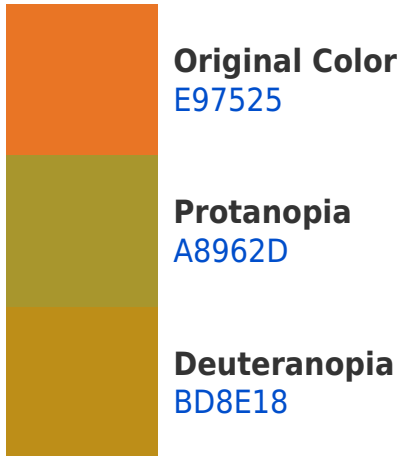


This preview shows how white text looks on a background with the Hex color E97525.

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



Trichromacy



Original Color
E97525

Protanomaly
C08A2A

Deuteranomaly
CD851D

Tritanomaly
EB7058

Monochromacy



Original Color
E97525

Achromatopsia
8F8F8F

Achromatomaly
B08668

CSS Examples

Text

The CSS property to change the color of the text to Hex E97525 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 #E97525 looks like.

```
.text, #text, p{  
    color:#E97525  
}
```

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 #E97525 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E97525
}
```

Border

The CSS property to change the border of an element to Hex E97525 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
#E97525 }
```

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

```
.border{ border-color:#E97525 }
```

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

Here you see how a box with a 4 pixel #E97525 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E97525; -webkit-box-shadow:4px 4px  
4px 4px #E97525; box-shadow:4px 4px 4px  
4px #E97525 }
```

Background

The CSS property to change the background color of an element to Hex E97525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E97525 }
```

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

```
.background{ background-color:#E97525 }
```

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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