

# Converting Colors

Hex(ED9B53)

Have a look what the booklet for  
Hex(ED9B53) contains.

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# **Color**

**Hex(ED9B53)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ED9B53
RGB	237, 155, 83
RGB Percent	93%, 61%, 33%
CMY	0.0706, 0.3922, 0.6745
CMYK	0.00, 0.35, 0.65, 0.07
HSL	28°, 81%, 63%
HSV	28°, 65%, 93%
XYZ	48.2077, 42.0717, 13.7634
YIQ	171.3100, 71.9840, -5.0080

# Conversions

## Conversions Part 2

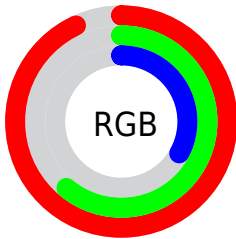
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	237, 218, 83
Decimal	15571795
CIE <sub>Lab</sub>	70.92, 24.09, 49.49
CIE <sub>LCh</sub>	71, 55.041, 64.045
Yxy	42.0717, 0.4633, 0.4044
Android (android.graphics.Color)	4293761875 (0xFFED9B53)
YUV	171.3100, -43.5368, 57.6101
Hunter-Lab	64.8627, 19.1562, 32.8230

# Details

The Hex color **ED9B53** 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 **53A5ED**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFD287**, and **B16721** is the 20% darker color. If you saturate the color by 10%, you get **ED8E3B**, and if you desaturate by 10%, it is **EDA86B**.

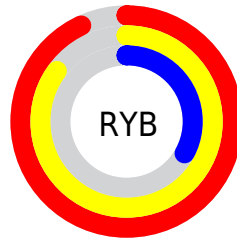
# Distribution



Red (93%)

Green (61%)

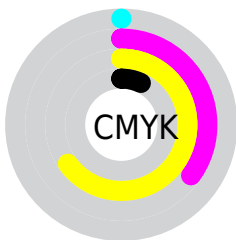
Blue (33%)



Red (93%)

Yellow (85%)

Blue (33%)

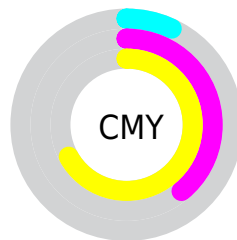


Cyan (0%)

Magenta (35%)

Yellow (65%)

Black (7%)



Cyan (7%)

Magenta (39%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ED9B53 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 ED9B53 by changing the saturation by 10% instead.



 ED9B53

 ED9B53

FFFFFF

 CF813A

 FFD287

 B16721

 FFEEA2

 934F02

 FFFFBD

 763700

 FFFFD9

 5A2100

 FFFFF6

 3E0A00

 270001

 000000

 ED9B53

 ED9B53

 ED8E3B

 EDA86B

 ED8224

 EDB482

 ED750C

 EDC19A

 ED6F00

 EDCDB2

 EDDAC9

 EDE7E1

 EDF3F9

 EDFFFF

# Harmonies

## Analogous

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



FF8978



ED9B53



C4AD45

# Triad

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



ED9B53



00C7B3



BA9EFF

# Complementary

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



ED9B53



53A5ED

# 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.



5CB1FF



ED9B53



00C5E4

# Square

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



ED9B53



48C380



00BEFF



F18BDA

# Rectangle

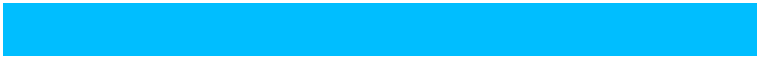
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



ED9B53



A2B74D



00BEFF



A0A4FF



# Sweetspot

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



ED9B53



FFE5CF



ED53A5



807062



000000



808080



# Same Dimension

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



ED9B53



FF9538



EDE853



756F6A



B55500



361900



# Inverse Universe

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



53A5ED



38A2FF



5358ED



6A7075



0060B5



001D36



# Previews

## White Background



This preview shows how the Hex color ED9B53 looks on a white background.

## Color Contrast Check

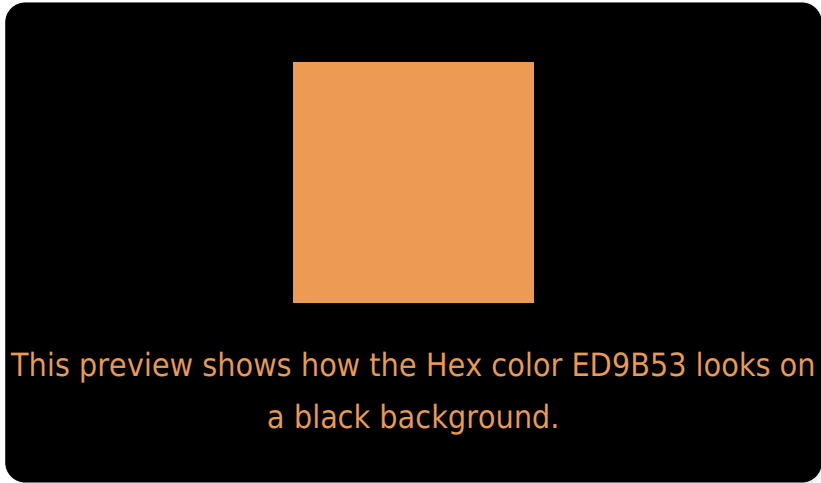
Large Text (above 18pt) WCAG AA × Fail

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

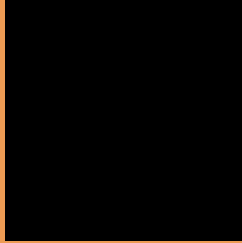
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex ED9B53 Background



This preview shows how black text looks on a background with the Hex color ED9B53.



This preview shows how white text looks on a background with the Hex color ED9B53.

# 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**  
ED9B53

**Protanopia**  
C0AE59

**Deuteranopia**  
D7A650



**Tritanopia**  
F2939D

# Trichromacy



**Original Color**  
ED9B53

**Protanomaly**  
D0A757

**Deuteranomaly**  
DFA251

**Tritanomaly**  
F09682

# Monochromacy



**Original Color**  
ED9B53

**Achromatopsia**  
ABABAB

**Achromatomaly**  
C3A58B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ED9B53 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 #ED9B53 looks like.

```
.text, #text, p{  
    color:#ED9B53  
}
```

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 #ED9B53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED9B53
}
```

## Border

The CSS property to change the border of an element to Hex ED9B53 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
#ED9B53 }
```

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

```
.border{ border-color:#ED9B53 }
```

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

Here you see how a box with a 4 pixel #ED9B53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED9B53; -webkit-box-shadow:4px 4px  
4px 4px #ED9B53; box-shadow:4px 4px 4px  
4px #ED9B53 }
```

# Background

The CSS property to change the background color of an element to Hex ED9B53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED9B53 }
```

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

```
.background{ background-color:#ED9B53 }
```

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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