

# Converting Colors

Hex(EDA068)

Have a look what the booklet for  
Hex(EDA068) contains.

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# **Color**

**Hex(EDA068)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EDA068
RGB	237, 160, 104
RGB Percent	93%, 63%, 41%
CMY	0.0706, 0.3725, 0.5922
CMYK	0.00, 0.32, 0.56, 0.07
HSL	25°, 79%, 67%
HSV	25°, 56%, 93%
XYZ	49.9945, 44.1456, 18.9827
YIQ	176.6390, 63.8680, -1.0920

# Conversions

## Conversions Part 2

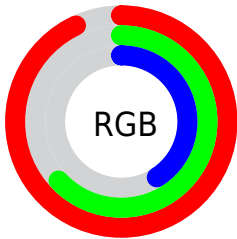
Format	Color
RYB	237, 201, 104
Decimal	15573096
CIELab	72.33, 22.90, 40.56
CIELCh	72, 46.575, 60.551
Yxy	44.1456, 0.4419, 0.3902
Android (android.graphics.Color)	4293763176 (0xFFEDA068)
YUV	176.6390, -35.8110, 52.9366
Hunter-Lab	66.4422, 18.0389, 29.5702

# Details

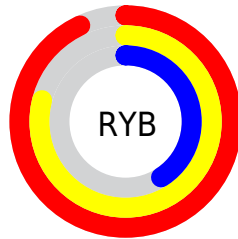
The Hex color **EDA068** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **68B5ED**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FFD79C**, and **B26C37** is the 20% darker color. If you saturate the color by 10%, you get **ED9250**, and if you desaturate by 10%, it is **EDAE80**.

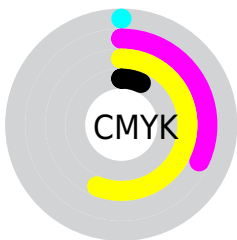
# Distribution



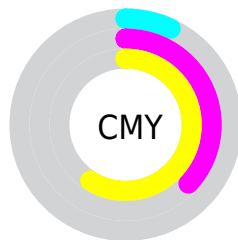
- Red (93%)
- Green (63%)
- Blue (41%)



- Red (93%)
- Yellow (79%)
- Blue (41%)



- Cyan (0%)
- Magenta (32%)
- Yellow (56%)
- Black (7%)



- Cyan (7%)
- Magenta (37%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EDA068 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 EDA068 by changing the saturation by 10% instead.



 EDA068

 EDA068

FFFFFF

 CF864F

 FFD79C

 B26C37

 FFF4B7

 95541F

 FFFFD3

 783C06

 FFFFF0

 5D2500

 410F00

 290000

 000000

 EDA068

 EDA068

 ED9250

 EDAE80

 ED8539

 EDBB97

 ED7721

 EDC9AF

 ED6909

 EDD7C7

 ED6400

 EDE5DE

 EDF2F6

 EDFFFF

# Harmonies

## Analogous

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



FF9388



EDA068



CBAF5A

# Triad

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



EDA068



00C7B1



B6A6FB

# Complementary

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



EDA068



68B5ED

# 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.



6DB5FF



EDA068



00C6DB

# Square

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



EDA068



6AC486



00C1FB



E797DC

# Rectangle

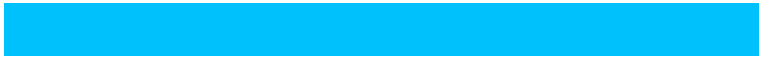
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EDA068



AFB85F



00C1FB



A0ABFF

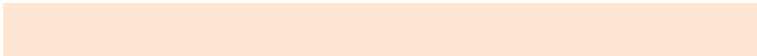


# Sweetspot

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



EDA068



FFE6D4



ED68B6



807166



000000



808080



# Same Dimension

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



EDA068



FF9C54



EDE268



756F6A



B54C00



361700

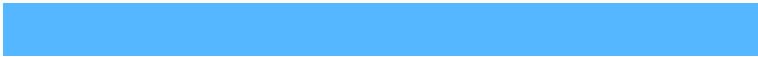


# Inverse Universe

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



68B5ED



54B7FF



6873ED



6A7075



0069B5



001F36



# Previews

## White Background



This preview shows how the Hex color EDA068 looks on a white background.

## Color Contrast Check

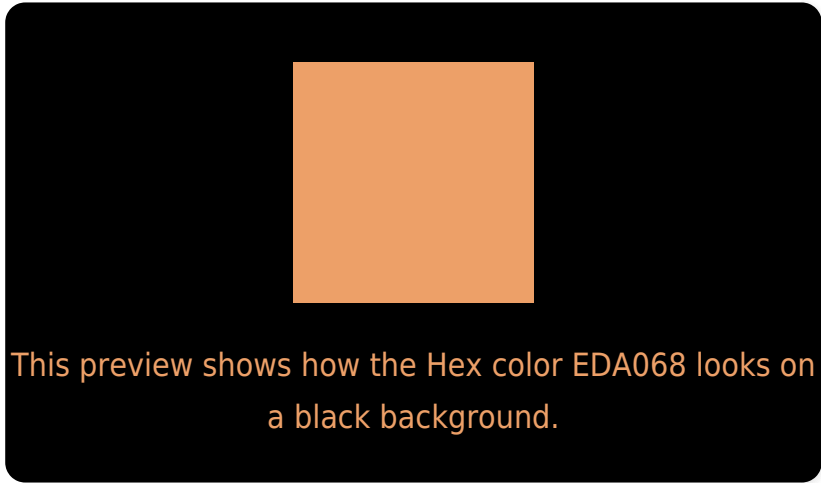
Large Text (above 18pt) WCAG AA × Fail

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

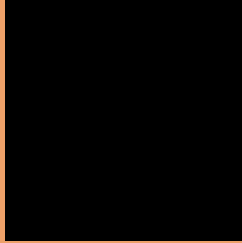
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex EDA068 Background



This preview shows how black text looks on a background with the Hex color EDA068.

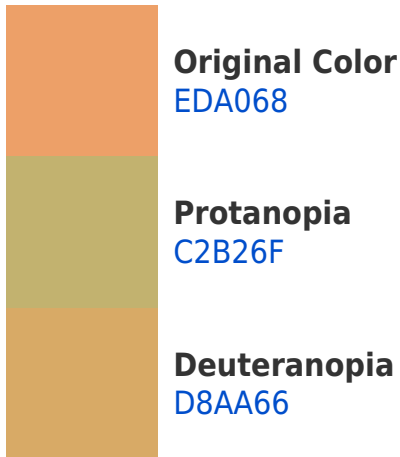


This preview shows how white text looks on a background with the Hex color EDA068.

# 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](#).

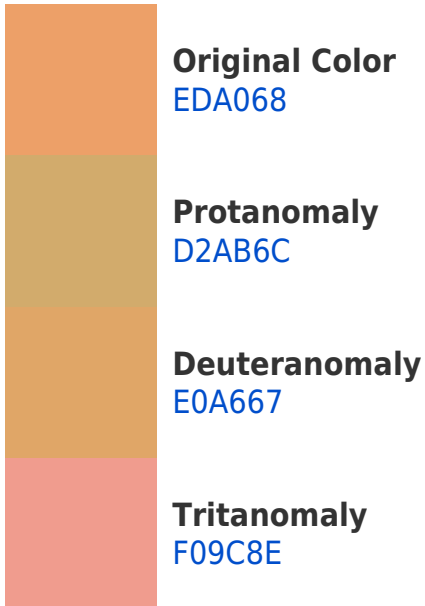
## Dichromacy



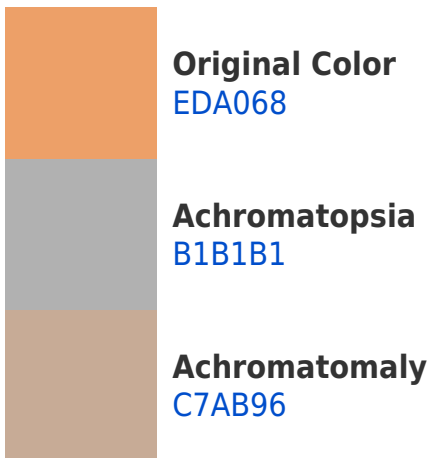


**Tritanopia**  
F299A4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EDA068 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 #EDA068 looks like.

```
.text, #text, p{  
    color:#EDA068  
}
```

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 #EDA068 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EDA068
}
```

## Border

The CSS property to change the border of an element to Hex EDA068 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
#EDA068 }
```

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

```
.border{ border-color:#EDA068 }
```

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

Here you see how a box with a 4 pixel #EDA068 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EDA068; -webkit-box-shadow:4px 4px  
4px 4px #EDA068; box-shadow:4px 4px 4px  
4px #EDA068 }
```

# Background

The CSS property to change the background color of an element to Hex EDA068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EDA068 }
```

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

```
.background{ background-color:#EDA068 }
```

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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