

# Converting Colors

Hex(E36E5A)

Have a look what the booklet for  
Hex(E36E5A) contains.

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**Color**

**Hex(E36E5A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E36E5A
RGB	227, 110, 90
RGB Percent	89%, 43%, 35%
CMY	0.1098, 0.5686, 0.6471
CMYK	0.00, 0.52, 0.60, 0.11
HSL	9°, 71%, 62%
HSV	9°, 60%, 89%
XYZ	39.0999, 28.2209, 13.0593
YIQ	142.7030, 76.1520, 18.5840

# Conversions

## Conversions Part 2

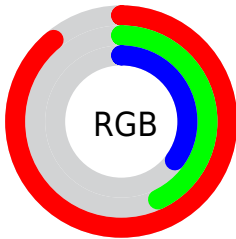
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	227, 113, 90
Decimal	14904922
CIE <sub>Lab</sub>	60.09, 43.90, 32.55
CIE <sub>LCh</sub>	60, 54.652, 36.560
Yxy	28.2209, 0.4864, 0.3511
Android (android.graphics.Color)	4293095002 (0xFFE36E5A)
YUV	142.7030, -25.9826, 73.9285
Hunter-Lab	53.1234, 38.4139, 22.6112

# Details

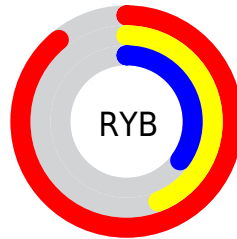
The Hex color **E36E5A** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **5ACFE3**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **FFA48C**, and **A63A2C** is the 20% darker color. If you saturate the color by 10%, you get **E35B43**, and if you desaturate by 10%, it is **E38171**.

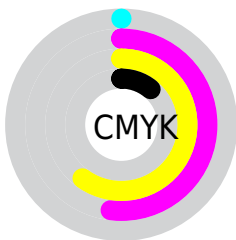
# Distribution



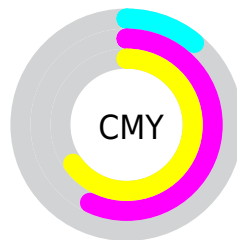
- Red (89%)
- Green (43%)
- Blue (35%)



- Red (89%)
- Yellow (44%)
- Blue (35%)



- Cyan (0%)
- Magenta (52%)
- Yellow (60%)
- Black (11%)



- Cyan (11%)
- Magenta (57%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E36E5A 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 E36E5A by changing the saturation by 10% instead.



 E36E5A

 E36E5A

FFFFFF

 C45442

 FFA48C

 A63A2C

 FFC0A7

 891E16

 FFDCC2

 6C0000

 FFF9DE

 4E0000

 FFFFFB

 350002

 030000

 000000

 E36E5A

 E36E5A

 E35B43

 E38171

 E3472D

 E39587

 E33416

 E3A89E

 E32100

 E3BCB5

 E3CFCC

 E3E2E2

 E3F6F9

 E3FFFF

# Harmonies

## Analogous

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



E86588



E36E5A



C98036

# Triad

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



E36E5A



11A669



4193F1

# Complementary

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



E36E5A



5ACFE3

# 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.



00A0E9



E36E5A



00A89A

# Square

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



E36E5A



6E9E3F



00A7C9



A180DF

# Rectangle

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



E36E5A



AF8C29



00A7C9



0098F1

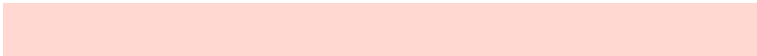


# Sweetspot

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



E36E5A



FFD8D1



E35AD1



806863



000000



808080



# Same Dimension

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



E36E5A



FF6247



E3B15A



736967



B31A00



330700



# Inverse Universe

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



5ACFE3



47E4FF



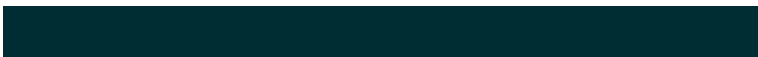
5A8CE3



677173



0098B3



002C33



# Previews

## White Background



This preview shows how the Hex color E36E5A looks on a white background.

## Color Contrast Check

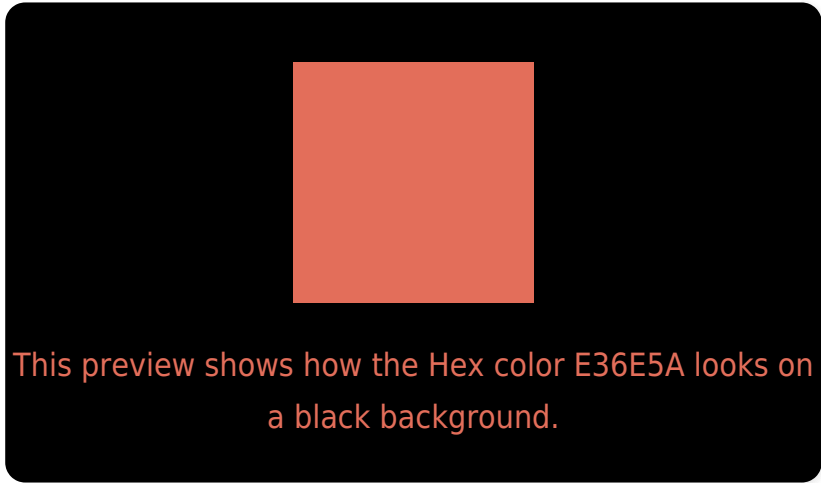
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex E36E5A Background



This preview shows how black text looks on a background with the Hex color E36E5A.

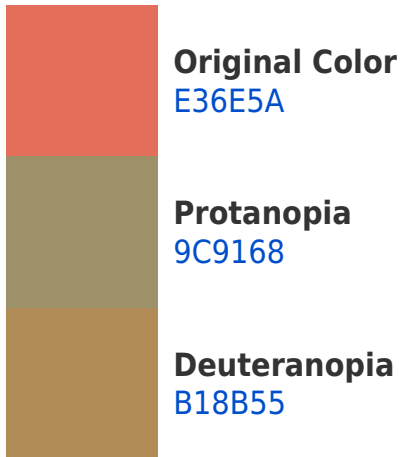



This preview shows how white text looks on a background with the Hex color E36E5A.

# 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](#).

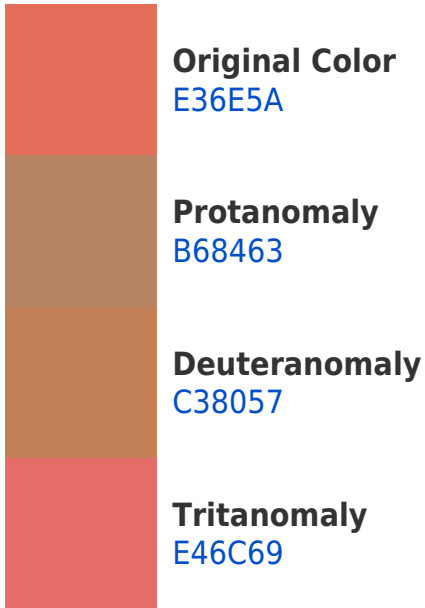
## Dichromacy



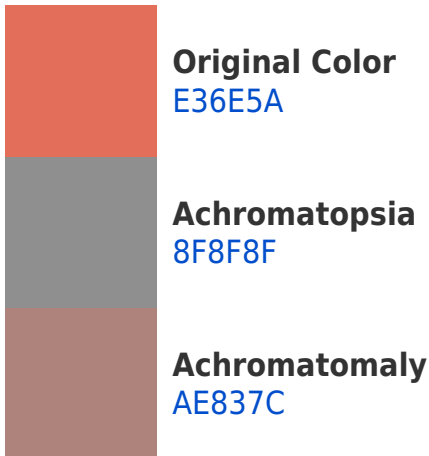


**Tritanopia**  
E46B72

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E36E5A 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 #E36E5A looks like.

```
.text, #text, p{  
    color:#E36E5A  
}
```

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 #E36E5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E36E5A
}
```

## Border

The CSS property to change the border of an element to Hex E36E5A 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
#E36E5A }
```

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

```
.border{ border-color:#E36E5A }
```

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

Here you see how a box with a 4 pixel #E36E5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E36E5A; -webkit-box-shadow:4px 4px  
4px 4px #E36E5A; box-shadow:4px 4px 4px  
4px #E36E5A }
```

# Background

The CSS property to change the background color of an element to Hex E36E5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E36E5A }
```

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

```
.background{ background-color:#E36E5A }
```

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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