

# Converting Colors

Hex(E62750)

Have a look what the booklet for  
Hex(E62750) contains.

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**Color**

**Hex(E62750)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E62750
RGB	230, 39, 80
RGB Percent	90%, 15%, 31%
CMY	0.0980, 0.8471, 0.6863
CMYK	0.00, 0.83, 0.65, 0.10
HSL	347°, 79%, 53%
HSV	347°, 83%, 90%
XYZ	34.8066, 18.8532, 9.3939
YIQ	100.7830, 100.6750, 53.2430

# Conversions

## Conversions Part 2

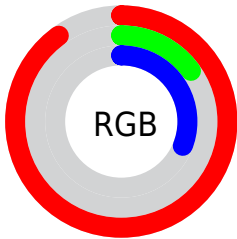
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	230, 39, 80
Decimal	15083344
CIE <sub>Lab</sub>	50.52, 71.02, 26.31
CIE <sub>LCh</sub>	51, 75.734, 20.326
Yxy	18.8532, 0.5520, 0.2990
Android (android.graphics.Color)	4293273424 (0xFFE62750)
YUV	100.7830, -10.2460, 113.3233
Hunter-Lab	43.4203, 67.1038, 17.5669

# Details

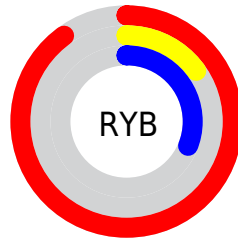
The Hex color **E62750** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **27E6BD**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **FF6A81**, and **A60024** is the 20% darker color. If you saturate the color by 10%, you get **E6103E**, and if you desaturate by 10%, it is **E63E62**.

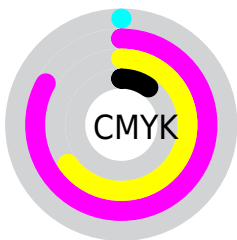
# Distribution



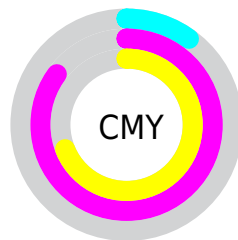
- Red (90%)
- Green (15%)
- Blue (31%)



- Red (90%)
- Yellow (15%)
- Blue (31%)



- Cyan (0%)
- Magenta (83%)
- Yellow (65%)
- Black (10%)



- Cyan (10%)
- Magenta (85%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E62750 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 E62750 by changing the saturation by 10% instead.



 E62750

 E62750

FFFFFF

 C60039

 FF6A81

 A60024

 FF889B

 870010

 FFA5B6

 680001

 FFC3D1

 4B0004

 FFE0ED

 2B0001

 000000

 E62750

 E62750

 E6103E

 E63E62

 E60031

 E65574

 E66C86

 E68398

 E69AAA

 E6B1BC

 E6C8CE

 E6DFE1

 E6F6F3

# Harmonies

## Analogous

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



DE2490



E62750



CF4F0B

# Triad

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



E62750



008D17



0087F9

# Complementary

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



E62750



27E6BD

# 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.



0091DB



E62750



009260

# Square

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



E62750



688200



0094A4



3171F3

# Rectangle

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



E62750



B46500



0094A4



008BF3



# Sweetspot

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



E62750



FFBFCD



BD27E6



805961



000000



808080



# Same Dimension

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



E62750



FF0037



E65D27



73676A



B30026



33000B



# Inverse Universe

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



E62750



FF0037



27B0E6



73676A



B30026



33000B



# Previews

## White Background



This preview shows how the Hex color E62750 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 E62750 Background



This preview shows how black text looks on a background with the Hex color E62750.

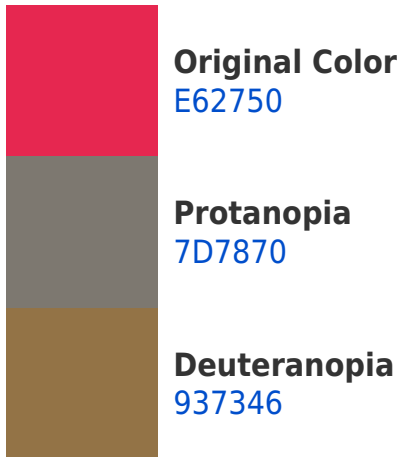


This preview shows how white text looks on a background with the Hex color E62750.

# 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](#).

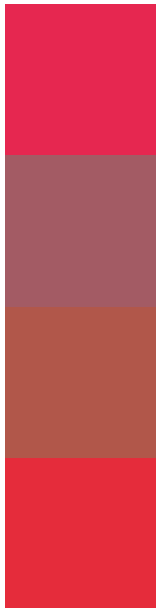
## Dichromacy





**Tritanopia**  
E52F2F

# Trichromacy



**Original Color**  
E62750

**Protanomaly**  
A35B64

**Deuteranomaly**  
B1574A

**Tritanomaly**  
E52C3B

# Monochromacy



**Original Color**  
E62750

**Achromatopsia**  
656565

**Achromatomaly**  
944E5D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E62750 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 #E62750 looks like.

```
.text, #text, p{  
    color:#E62750  
}
```

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 #E62750 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E62750
}
```

## Border

The CSS property to change the border of an element to Hex E62750 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
#E62750 }
```

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

```
.border{ border-color:#E62750 }
```

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

Here you see how a box with a 4 pixel #E62750 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E62750; -webkit-box-shadow:4px 4px  
4px 4px #E62750; box-shadow:4px 4px 4px  
4px #E62750 }
```

# Background

The CSS property to change the background color of an element to Hex E62750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E62750 }
```

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

```
.background{ background-color:#E62750 }
```

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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