

# Converting Colors

Hex(E61753)

Have a look what the booklet for  
Hex(E61753) contains.

<b>Hex(E61753)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(E61753)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E61753
RGB	230, 23, 83
RGB Percent	90%, 9%, 33%
CMY	0.0980, 0.9098, 0.6745
CMYK	0.00, 0.90, 0.64, 0.10
HSL	343°, 82%, 50%
HSV	343°, 90%, 90%
XYZ	34.5009, 18.0603, 9.8512
YIQ	91.7330, 104.1120, 62.5440

# Conversions

## Conversions Part 2

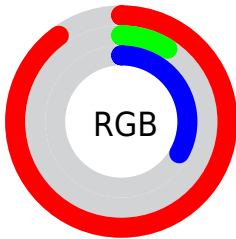
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	230, 23, 83
Decimal	15079251
CIE <sub>Lab</sub>	49.57, 74.04, 23.26
CIE <sub>LCh</sub>	50, 77.614, 17.443
Yxy	18.0603, 0.5528, 0.2894
Android (android.graphics.Color)	4293269331 (0xFFE61753)
YUV	91.7330, -4.3054, 121.2602
Hunter-Lab	42.4974, 70.5418, 16.0044

# Details

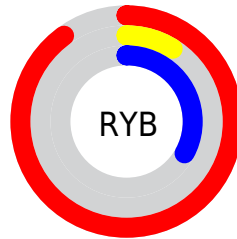
The Hex color **E61753** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **17E6AA**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **FF6384**, and **A60027** is the 20% darker color. If you saturate the color by 10%, you get **E60043**, and if you desaturate by 10%, it is **E62E63**.

# Distribution



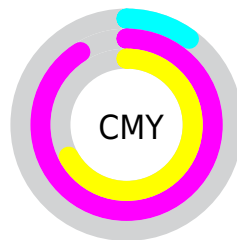
- Red (90%)
- Green (9%)
- Blue (33%)



- Red (90%)
- Yellow (9%)
- Blue (33%)



- Cyan (0%)
- Magenta (90%)
- Yellow (64%)
- Black (10%)



- Cyan (10%)
- Magenta (91%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E61753 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 E61753 by changing the saturation by 10% instead.



 E61753

 E61753

FFFFFF

 C6003C

 FF6384

 A60027

 FF819E

 870014

 FF9FB9

 680002

 FFBCD4

 4A0004

 FFDAF1

 2A0001

 FFF9FF

 000000

 E61753

 E61753

 E60043

 E62E63

 E64574

 E65C84

 E67394

 E68AA5

 E6A1B5

 E6B8C5

 E6CFD6

 E6E6E6

# Harmonies

## Analogous

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



DB1D94



E61753



D1470D

# Triad

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



E61753



008A00



0086F8

# Complementary

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



E61753



17E6AA

# 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.



0090D7



E61753



009057

# Square

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



E61753



6B7F00



00929C



0071F6

# Rectangle

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



E61753



B65F00



00929C



008AF1



# Sweetspot

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



E61753



FFBACE



A817E6



805763



000000



808080



# Same Dimension

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



E61753



FF004A



E64017



73676B



B30034



33000F



# Inverse Universe

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



E61753



FF004A



17BDE6



73676B



B30034



33000F



# Previews

## White Background



This preview shows how the Hex color E61753 looks on a white background.

## Color Contrast Check

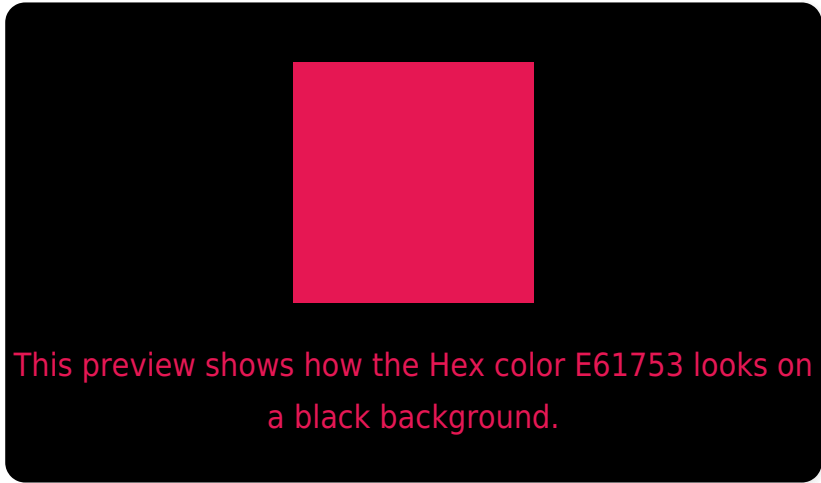
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# 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 E61753 Background



This preview shows how black text looks on a background with the Hex color E61753.



This preview shows how white text looks on a background with the Hex color E61753.

# 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**  
E61753

**Protanopia**  
797678

**Deuteranopia**  
907149



**Tritanopia**  
E52725

# Trichromacy



**Original Color**  
E61753



**Protanomaly**  
A1536B



**Deuteranomaly**  
AF504D

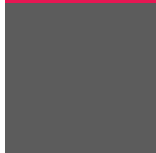


**Tritanomaly**  
E52136

# Monochromacy



**Original Color**  
E61753



**Achromatopsia**  
5C5C5C



**Achromatomaly**  
8E4359

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E61753 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 #E61753 looks like.

```
.text, #text, p{  
    color:#E61753  
}
```

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 #E61753 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E61753
}
```

## Border

The CSS property to change the border of an element to Hex E61753 is called "border". The border property can be set on classes, ids or directly on the HTML element.

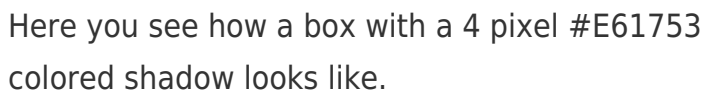
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E61753 }
```

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

```
.border{ border-color:#E61753 }
```

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



Here you see how a box with a 4 pixel #E61753 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E61753; -webkit-box-shadow:4px 4px  
4px 4px #E61753; box-shadow:4px 4px 4px  
4px #E61753 }
```

# Background

The CSS property to change the background color of an element to Hex E61753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E61753 }
```

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

```
.background{ background-color:#E61753 }
```

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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