

# Converting Colors

Hex(E6373D)

Have a look what the booklet for  
Hex(E6373D) contains.

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# Color

Hex(E6373D)

# Conversions

## Conversions Part 1

Format	Color
Hex	E6373D
RGB	230, 55, 61
RGB Percent	90%, 22%, 24%
CMY	0.0980, 0.7843, 0.7608
CMYK	0.00, 0.76, 0.73, 0.10
HSL	358°, 78%, 56%
HSV	358°, 76%, 90%
XYZ	34.8416, 19.8923, 6.4181
YIQ	108.0090, 102.3740, 38.9660

# Conversions

## Conversions Part 2

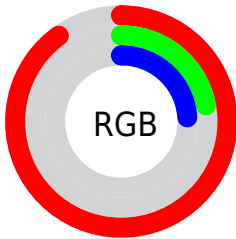
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	230, 55, 61
Decimal	15087421
CIE Lab	51.72, 65.96, 38.91
CIE LCh	52, 76.588, 30.538
Yxy	19.8923, 0.5698, 0.3253
Android (android.graphics.Color)	4293277501 (0xFFE6373D)
YUV	108.0090, -23.1754, 106.9861
Hunter-Lab	44.6008, 61.3908, 22.6886

# Details

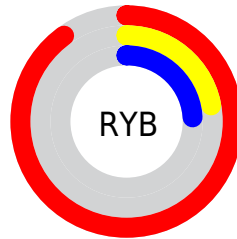
The Hex color **E6373D** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **37E6E0**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **FF746D**, and **A60012** is the 20% darker color. If you saturate the color by 10%, you get **E62027**, and if you desaturate by 10%, it is **E64E53**.

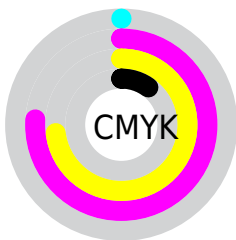
# Distribution



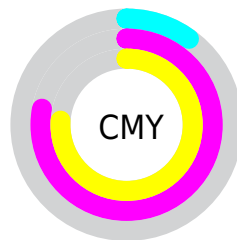
- Red (90%)
- Green (22%)
- Blue (24%)



- Red (90%)
- Yellow (22%)
- Blue (24%)



- Cyan (0%)
- Magenta (76%)
- Yellow (73%)
- Black (10%)



- Cyan (10%)
- Magenta (78%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E6373D 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 E6373D by changing the saturation by 10% instead.



 E6373D

 E6373D

FFFFFF

 C60927

 FF746D

 A60012

 FF9186

 870000

 FFAEA1

 670000

 FFCBBC

 4A0003

 FFE9D8

 2B0001

 FFFFF4

 000000

 E6373D

 E6373D

 E62027

 E64E53

 E60911

 E66569

 E60008

 E67C80

 E69396

 E6AAAC

 E6C1C2

 E6D8D8

 E6EFEF

 E6FFFF

# Harmonies

## Analogous

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



EA1F7D



E6373D



C65D00

# Triad

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



E6373D



009335



0084FF

# Complementary

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



E6373D



37E6E0

# 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.



0092EE



E6373D



00977B

# Square

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



E6373D



528A00



0097BD



7369EE

# Rectangle

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



E6373D



A77100



0097BD



008AFE



# Sweetspot

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



E6373D



FFC4C6



DD37E6



805C5D



000000



808080



# Same Dimension

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



E6373D



FF171F



E68637



736768



B30006



330002



# Inverse Universe

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



E6373D



FF171F



3797E6



736768



B30006



330002



# Previews

## White Background



This preview shows how the Hex color E6373D looks on a white background.

## Color Contrast Check

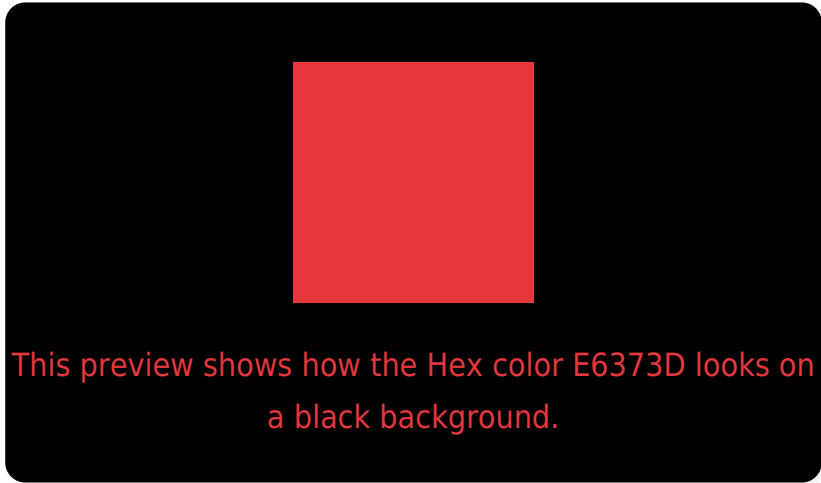
Large Text (above 18pt) WCAG AA ✓ Pass

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 E6373D Background



This preview shows how black text looks on a background with the Hex color E6373D.



This preview shows how white text looks on a background with the Hex color E6373D.

# 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**  
E6373D

**Protanopia**  
867C54

**Deuteranopia**  
9A7632



**Tritanopia**  
E63839

# Trichromacy



**Original Color**  
E6373D

**Protanomaly**  
A9634C

**Deuteranomaly**  
B65F36

**Tritanomaly**  
E6383A

# Monochromacy



**Original Color**  
E6373D

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
98595B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E6373D 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 #E6373D looks like.

```
.text, #text, p{  
    color:#E6373D  
}
```

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 #E6373D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6373D
}
```

## Border

The CSS property to change the border of an element to Hex E6373D is called "border". The border property can be set on classes, ids or directly on the HTML element.

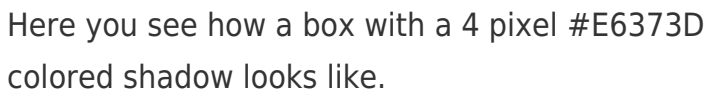
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E6373D }
```

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

```
.border{ border-color:#E6373D }
```

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



Here you see how a box with a 4 pixel #E6373D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6373D; -webkit-box-shadow:4px 4px  
4px 4px #E6373D; box-shadow:4px 4px 4px  
4px #E6373D }
```

# Background

The CSS property to change the background color of an element to Hex E6373D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6373D }
```

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

```
.background{ background-color:#E6373D }
```

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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