

# Converting Colors

Hex(E62230)

Have a look what the booklet for  
Hex(E62230) contains.

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**Color**

**Hex(E62230)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E62230
RGB	230, 34, 48
RGB Percent	90%, 13%, 19%
CMY	0.0980, 0.8667, 0.8118
CMYK	0.00, 0.85, 0.79, 0.10
HSL	356°, 80%, 52%
HSV	356°, 85%, 90%
XYZ	33.7387, 18.1804, 4.5273
YIQ	94.2000, 112.3220, 45.9060

# Conversions

## Conversions Part 2

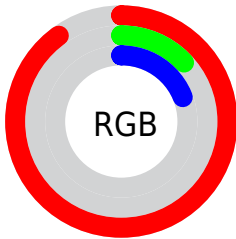
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	230, 34, 48
Decimal	15082032
CIE <sub>Lab</sub>	49.71, 70.77, 44.01
CIE <sub>LCh</sub>	50, 83.343, 31.877
Yxy	18.1804, 0.5977, 0.3221
Android (android.graphics.Color)	4293272112 (0xFFE62230)
YUV	94.2000, -22.7766, 119.0966
Hunter-Lab	42.6385, 66.6245, 23.5517

# Details

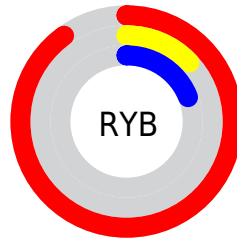
The Hex color **E62230** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **22E6D8**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **FF675F**, and **A50003** is the 20% darker color. If you saturate the color by 10%, you get **E60B1B**, and if you desaturate by 10%, it is **E63945**.

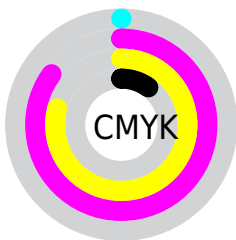
# Distribution



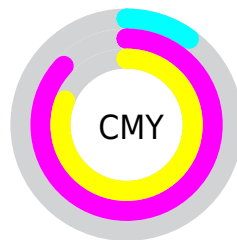
- Red (90%)
- Green (13%)
- Blue (19%)



- Red (90%)
- Yellow (13%)
- Blue (19%)



- Cyan (0%)
- Magenta (85%)
- Yellow (79%)
- Black (10%)



- Cyan (10%)
- Magenta (87%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E62230 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 E62230 by changing the saturation by 10% instead.



 E62230

 E62230

FFFFFF

 C5001A

 FF675F

 A50003

 FF8478

 850000

 FFA292

 650001

 FFBFAD

 480004

 FFDDC8

 280001

 FFFBE4

 000000

 E62230

 E62230

 E60B1B

 E63945

 E60010

 E6505B

 E66770

 E67E85

 E6959B

 E6ACB0

 E6C3C5

 E6DADB

 E6F1F0

# Harmonies

## Analogous

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



EC0075



E62230



C35700

# Triad

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



E62230



008F2C



007FFF

# Complementary

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



E62230



22E6D8

# 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.



008EF4



E62230



009379

# Square

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



E62230



418700



0093C0



7060F0

# Rectangle

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



E62230



A06D00



0093C0



0085FF



# Sweetspot

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



E62230



FFBDC1



D622E6



80585B



000000



808080



# Same Dimension

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



E62230



FF0012



E67422



736768



B3000D



330004



# Inverse Universe

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



E62230



FF0012



2294E6



736768



B3000D



330004



# Previews

## White Background



This preview shows how the Hex color E62230 looks on a white background.

## Color Contrast Check

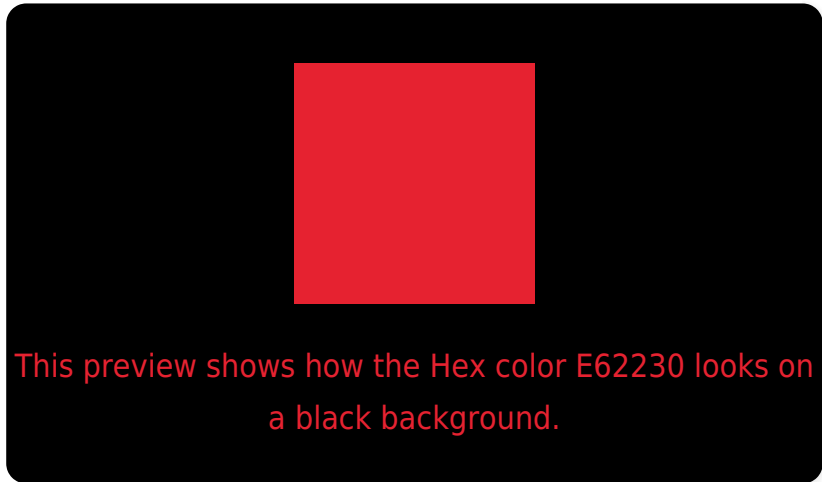
Large Text (above 18pt) WCAG AA ✓ Pass

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 E62230 Background



This preview shows how black text looks on a background with the Hex color E62230.



This preview shows how white text looks on a background with the Hex color E62230.

# 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**  
E62230

**Protanopia**  
827747

**Deuteranopia**  
957120



**Tritanopia**  
E62522

# Trichromacy



**Original Color**  
E62230

**Protanomaly**  
A6583F

**Deuteranomaly**  
B25426

**Tritanomaly**  
E62427

# Monochromacy



**Original Color**  
E62230

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
8F484D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E62230 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 #E62230 looks like.

```
.text, #text, p{  
    color:#E62230  
}
```

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 #E62230 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E62230
}
```

## Border

The CSS property to change the border of an element to Hex E62230 is called "border". The border property can be set on classes, ids or directly on the HTML element.

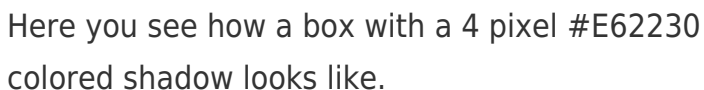
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E62230 }
```

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

```
.border{ border-color:#E62230 }
```

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



Here you see how a box with a 4 pixel `#E62230` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E62230; -webkit-box-shadow:4px 4px  
4px 4px #E62230; box-shadow:4px 4px 4px  
4px #E62230 }
```

# Background

The CSS property to change the background color of an element to Hex E62230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E62230 }
```

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

```
.background{ background-color:#E62230 }
```

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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