

Converting Colors

Hex(E62240)

Have a look what the booklet for
Hex(E62240) contains.

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Color

Hex(E62240)

Conversions

Conversions Part 1

Format	Color
Hex	E62240
RGB	230, 34, 64
RGB Percent	90%, 13%, 25%
CMY	0.0980, 0.8667, 0.7490
CMYK	0.00, 0.85, 0.72, 0.10
HSL	351°, 80%, 52%
HSV	351°, 85%, 90%
XYZ	34.1306, 18.3372, 6.5910
YIQ	96.0240, 107.1860, 50.8820

Conversions

Conversions Part 2

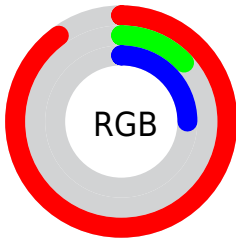
Format	Color
RYB	230, 34, 64
Decimal	15082048
CIELab	49.90, 71.33, 35.10
CIELCh	50, 79.494, 26.200
Yxy	18.3372, 0.5779, 0.3105
Android (android.graphics.Color)	4293272128 (0xFFE62240)
YUV	96.0240, -15.7878, 117.4970
Hunter-Lab	42.8220, 67.3321, 20.8496

Details

The Hex color **E62240** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **22E6C8**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **FF6770**, and **A60016** is the 20% darker color. If you saturate the color by 10%, you get **E60B2D**, and if you desaturate by 10%, it is **E63953**.

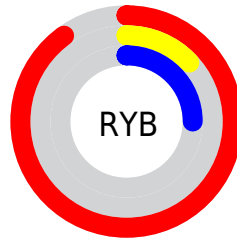
Distribution



Red (90%)

Green (13%)

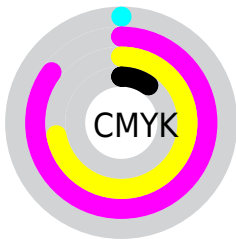
Blue (25%)



Red (90%)

Yellow (13%)

Blue (25%)

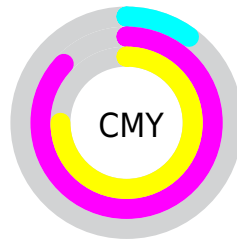


Cyan (0%)

Magenta (85%)

Yellow (72%)

Black (10%)



Cyan (10%)

Magenta (87%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color E62240 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 E62240 by changing the saturation by 10% instead.

 E62240

 E62240

FFFFFF

 C6002A

 FF6770

 A60016

 FF8589

 860000

 FFA2A3

 660001

 FFC0BF

 490004

 FFDEDA

 290001

 FFFCF7

 000000

 E62240

 E62240

 E60B2D

 E63953

 E60023

 E65067

 E6677A

 E67E8E

 E695A1

 E6ACB5

 E6C3C8

 E6DADC

 E6F1EF

Harmonies

Analogous

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



E50082



E62240



C95200

Triad

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



E62240



008E21



0082FF

Complementary

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



E62240



22E6C8

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.



008FE7



E62240



00926C

Square

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



E62240



568400



0093B1



5569F2

Rectangle

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



E62240



AA6800



0093B1



0088FC

Sweetspot

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



E62240



FFBDC7



C522E6



80585E



000000



808080

Same Dimension

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



E62240



FF0027



E66322



736769



B3001B



330008

Inverse Universe

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



E62240



FF0027



22A5E6



736769



B3001B



330008

Previews

White Background



This preview shows how the Hex color E62240 looks on a white background.

Color Contrast Check

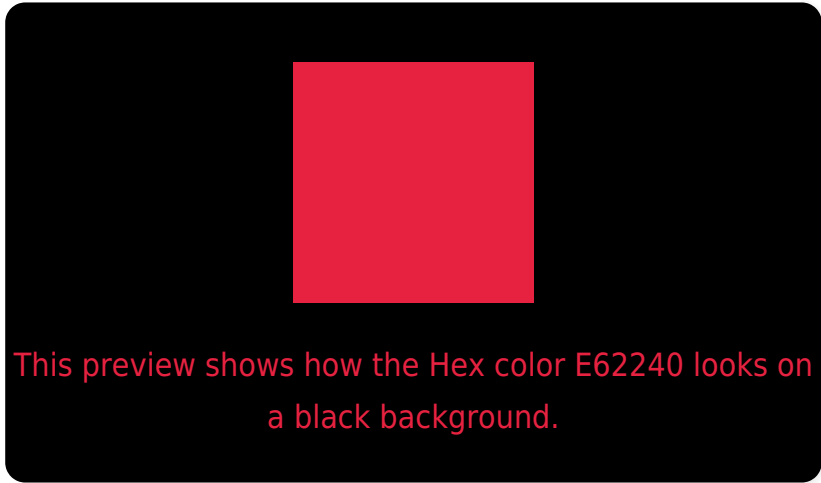
Large Text (above 18pt) WCAG AA ✓ Pass

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 E62240 Background



This preview shows how black text looks on a background with the Hex color E62240.



This preview shows how white text looks on a background with the Hex color E62240.

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
E62240

Protanopia
7F775C

Deuteranopia
947235



Tritanopia
E52826

Trichromacy



Original Color
E62240

Protanomaly
A45852

Deuteranomaly
B25539

Tritanomaly
E5262F

Monochromacy



Original Color
E62240

Achromatopsia
606060

Achromatomaly
914954

CSS Examples

Text

The CSS property to change the color of the text to Hex E62240 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 #E62240 looks like.

```
.text, #text, p{  
    color:#E62240  
}
```

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 #E62240 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E62240
}
```

Border

The CSS property to change the border of an element to Hex E62240 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
#E62240 }
```

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

```
.border{ border-color:#E62240 }
```

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

Here you see how a box with a 4 pixel #E62240 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E62240; -webkit-box-shadow:4px 4px  
4px 4px #E62240; box-shadow:4px 4px 4px  
4px #E62240 }
```

Background

The CSS property to change the background color of an element to Hex E62240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E62240 }
```

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

```
.background{ background-color:#E62240 }
```

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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