

# Converting Colors

Hex(E44462)

Have a look what the booklet for  
Hex(E44462) contains.

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# Color

**Hex(E44462)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E44462
RGB	228, 68, 98
RGB Percent	89%, 27%, 38%
CMY	0.1059, 0.7333, 0.6157
CMYK	0.00, 0.70, 0.57, 0.11
HSL	349°, 75%, 58%
HSV	349°, 70%, 89%
XYZ	36.2666, 21.5101, 13.7957
YIQ	119.2600, 85.7300, 43.2500

# Conversions

## Conversions Part 2

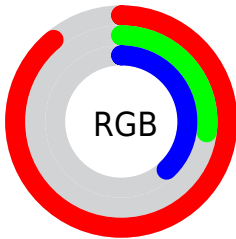
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	228, 68, 98
Decimal	14959714
CIE <sub>Lab</sub>	53.50, 63.07, 19.38
CIE <sub>LCh</sub>	54, 65.982, 17.082
Yxy	21.5101, 0.5067, 0.3005
Android (android.graphics.Color)	4293149794 (0xFFE44462)
YUV	119.2600, -10.4812, 95.3650
Hunter-Lab	46.3789, 58.4173, 14.8291

# Details

The Hex color **E44462** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **44E4C6**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **FF7E94**, and **A60034** is the 20% darker color. If you saturate the color by 10%, you get **E42D4F**, and if you desaturate by 10%, it is **E45B75**.

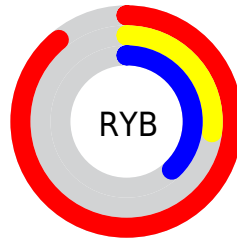
# Distribution



Red (89%)

Green (27%)

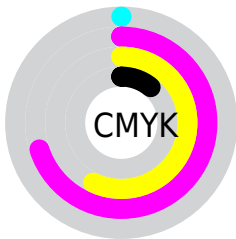
Blue (38%)



Red (89%)

Yellow (27%)

Blue (38%)

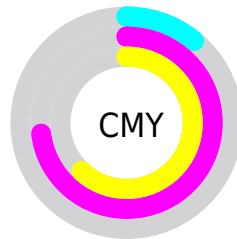


Cyan (0%)

Magenta (70%)

Yellow (57%)

Black (11%)



Cyan (11%)

Magenta (73%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E44462 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 E44462 by changing the saturation by 10% instead.



 E44462

 E44462

FFFFFF

 C5224A

 FF7E94

 A60034

 FF9BAF

 88001F

 FFB8CA

 6A0008

 FFD5E6

 4C0002

 FFF2FF

 2E0002

 000000

 E44462

 E44462

 E42D4F

 E45B75

 E4163D

 E47287

 E4002B

 E4889A

 E49FAC

 E4B6BF

 E4CDD1

 E4E4E4

 E4FAF6

 E4FFFF

# Harmonies

## Analogous

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



D9479B



E44462



D35B2D

# Triad

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



E44462



32922A



008EEF

# Complementary

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



E44462



44E4C6

# 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.



0097D2



E44462



009864

# Square

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



E44462



7B8700



009AA0



427BED

# Rectangle

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



E44462



BC6C01



009AA0



0092E9



# Sweetspot

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



E44462



FFC9D3



C444E4



806066



000000



808080



# Same Dimension

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



E44462



FF2951



E47444



736769



B30021



33000A



# Inverse Universe

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



E44462



FF2951



44B4E4



736769



B30021



33000A



# Previews

## White Background



This preview shows how the Hex color E44462 looks on a white background.

## Color Contrast Check

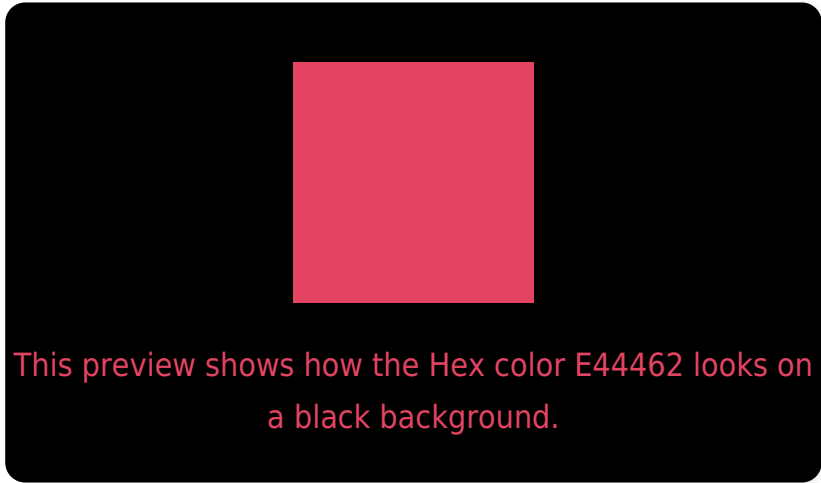
Large Text (above 18pt) WCAG AA ✓ Pass

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 E44462 Background



This preview shows how black text looks on a background with the Hex color E44462.



This preview shows how white text looks on a background with the Hex color E44462.

# 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**  
E44462

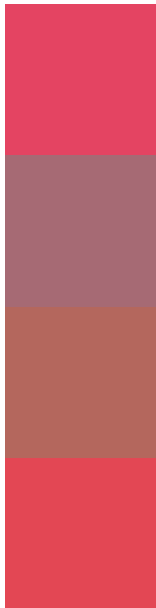
**Protanopia**  
83807E

**Deuteranopia**  
997B5A



**Tritanopia**  
E3484C

# Trichromacy



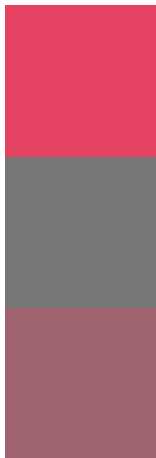
**Original Color**  
E44462

**Protanomaly**  
A66A74

**Deuteranomaly**  
B4675D

**Tritanomaly**  
E34754

# Monochromacy



**Original Color**  
E44462

**Achromatopsia**  
777777

**Achromatomaly**  
9F646F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E44462 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 #E44462 looks like.

```
.text, #text, p{  
    color:#E44462  
}
```

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 #E44462 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E44462
}
```

## Border

The CSS property to change the border of an element to Hex E44462 is called "border". The border property can be set on classes, ids or directly on the HTML element.

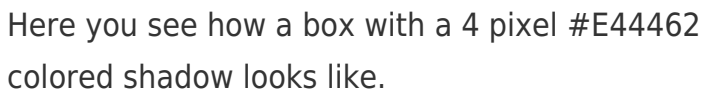
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E44462 }
```

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

```
.border{ border-color:#E44462 }
```

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



Here you see how a box with a 4 pixel #E44462 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E44462; -webkit-box-shadow:4px 4px  
4px 4px #E44462; box-shadow:4px 4px 4px  
4px #E44462 }
```

# Background

The CSS property to change the background color of an element to Hex E44462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E44462 }
```

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

```
.background{ background-color:#E44462 }
```

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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