

Converting Colors

Hex(E96172)

Have a look what the booklet for
Hex(E96172) contains.

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Color

Hex(E96172)

Conversions

Conversions Part 1

Format	Color
Hex	E96172
RGB	233, 97, 114
RGB Percent	91%, 38%, 45%
CMY	0.0863, 0.6196, 0.5529
CMYK	0.00, 0.58, 0.51, 0.09
HSL	352°, 76%, 65%
HSV	352°, 58%, 91%
XYZ	40.9162, 27.0879, 18.9916
YIQ	139.6020, 75.5990, 34.1190

Conversions

Conversions Part 2

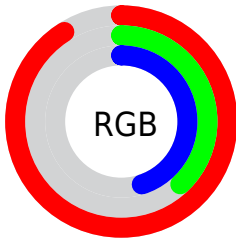
Format	Color
R _{YB}	233, 97, 114
Decimal	15294834
CIE Lab	59.06, 54.02, 17.66
CIE LCh	59, 56.832, 18.105
Yxy	27.0879, 0.4703, 0.3114
Android (android.graphics.Color)	4293484914 (0xFFE96172)
YUV	139.6020, -12.6218, 81.9100
Hunter-Lab	52.0461, 49.2479, 14.7974

Details

The Hex color **E96172** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **61E9D8**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FF98A6**, and **AC2842** is the 20% darker color. If you saturate the color by 10%, you get **E94A5E**, and if you desaturate by 10%, it is **E97886**.

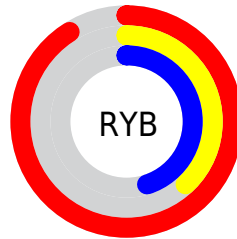
Distribution



Red (91%)

Green (38%)

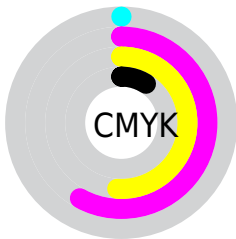
Blue (45%)



Red (91%)

Yellow (38%)

Blue (45%)

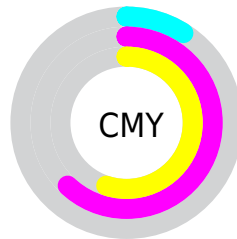


Cyan (0%)

Magenta (58%)

Yellow (51%)

Black (9%)



Cyan (9%)

Magenta (62%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color E96172 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 E96172 by changing the saturation by 10% instead.

 E96172

 E96172

FFFFFF

 CA455A


 FF98A6

 AC2842

 FFB4C1

 8E002C


 FFD1DD

 710018

 FFEEF9

 540000

 390002

 110000

 000000

 E96172

 E96172

 E94A5E

 E97886

 E93249

 E9909B

 E91B35

 E9A7AF

 E90420

 E9BEC4

 E9001D

 E9D5D8

 E9EDEC

 E9FFFF

Harmonies

Analogous

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



DF62A4



E96172



DA7145

Triad

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



E96172



509F48



0099F0

Complementary

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



E96172



61E9D8

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.



00A3D7



E96172



00A578

Square

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



E96172



8B9525



00A6AC



6A89ED

Rectangle

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



E96172



C67E2E



00A6AC



009DEA

Sweetspot

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



E96172



FFD1D7



D761E9



806367



000000



808080

Same Dimension

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



E96172



FF4D63



E99361



756A6B



B50017



360007

Inverse Universe

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



E96172



FF4D63



61B7E9



756A6B



B50017



360007

Previews

White Background



This preview shows how the Hex color E96172 looks on a white background.

Color Contrast Check

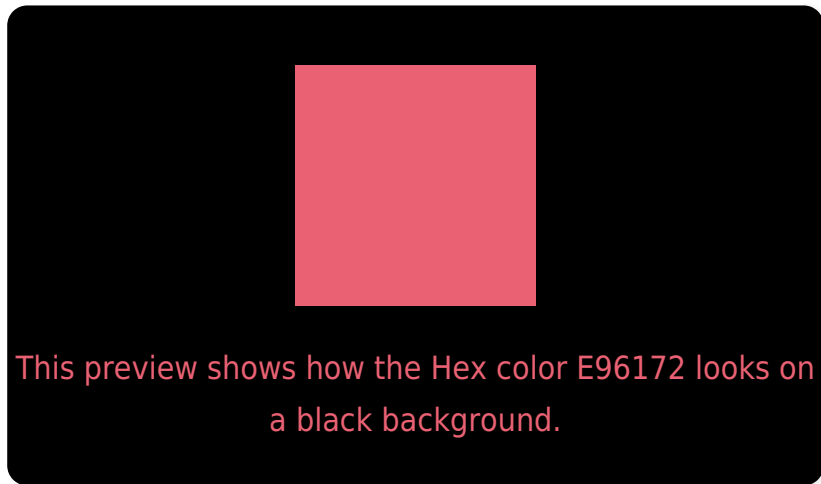
Large Text (above 18pt) WCAG AA ✓ Pass

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 E96172 Background



This preview shows how black text looks on a background with the Hex color E96172.

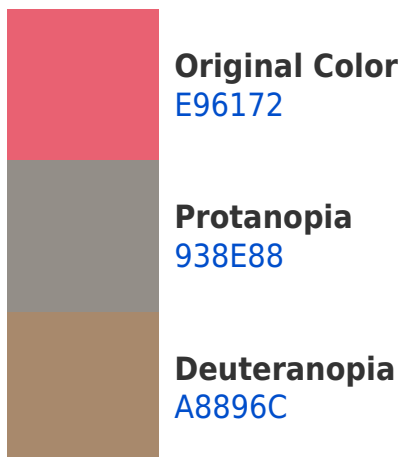



This preview shows how white text looks on a background with the Hex color E96172.

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](#).

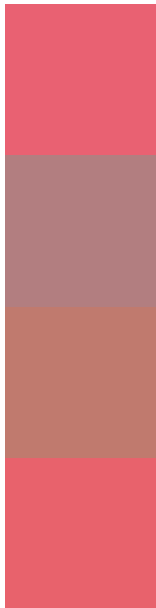
Dichromacy





Tritanopia
E86369

Trichromacy



Original Color
E96172

Protanomaly
B27E80

Deuteranomaly
C07A6E

Tritanomaly
E8626C

Monochromacy



Original Color
E96172

Achromatopsia
8C8C8C

Achromatomaly
AE7C83

CSS Examples

Text

The CSS property to change the color of the text to Hex E96172 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 #E96172 looks like.

```
.text, #text, p{  
  color:#E96172  
}
```

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 #E96172 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E96172
}
```

Border

The CSS property to change the border of an element to Hex E96172 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
#E96172 }
```

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

```
.border{ border-color:#E96172 }
```

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

Here you see how a box with a 4 pixel #E96172 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E96172; -webkit-box-shadow:4px 4px  
4px 4px #E96172; box-shadow:4px 4px 4px  
4px #E96172 }
```

Background

The CSS property to change the background color of an element to Hex E96172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E96172 }
```

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

```
.background{ background-color:#E96172 }
```

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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