

Converting Colors

Hex(E22370)

Have a look what the booklet for
Hex(E22370) contains.

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Color

Hex(E22370)

Conversions

Conversions Part 1

Format	Color
Hex	E22370
RGB	226, 35, 112
RGB Percent	89%, 14%, 44%
CMY	0.1137, 0.8627, 0.5608
CMYK	0.00, 0.85, 0.50, 0.11
HSL	336°, 77%, 51%
HSV	336°, 85%, 89%
XYZ	34.8897, 18.5407, 17.0690
YIQ	100.8870, 89.1190, 64.4390

Conversions

Conversions Part 2

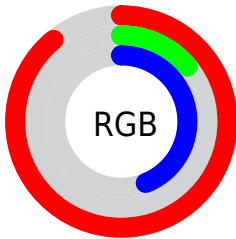
Format	Color
R_{YB}	226, 35, 112
Decimal	14820208
CIE _{Lab}	50.15, 72.90, 6.20
CIE _{LCh}	50, 73.159, 4.864
Yxy	18.5407, 0.4949, 0.2630
Android (android.graphics.Color)	4293010288 (0xFFE22370)
YUV	100.8870, 5.4787, 109.7241
Hunter-Lab	43.0589, 69.2817, 6.6380

Details

The Hex color **E22370** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **23E295**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **FF68A3**, and **A40041** is the 20% darker color. If you saturate the color by 10%, you get **E20C63**, and if you desaturate by 10%, it is **E23A7D**.

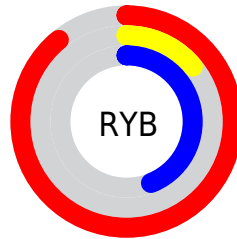
Distribution



Red (89%)

Green (14%)

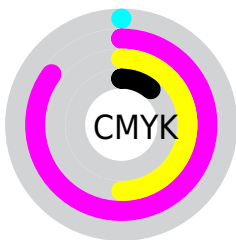
Blue (44%)



Red (89%)

Yellow (14%)

Blue (44%)

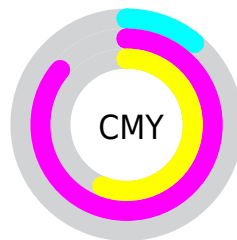


Cyan (0%)

Magenta (85%)

Yellow (50%)

Black (11%)



Cyan (11%)

Magenta (86%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color E22370 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 E22370 by changing the saturation by 10% instead.

 E22370

 E22370

FFFFFF

 C30058

 FF68A3

 A40041

 FF86BE

 85002B

 FFA4DA

 670017

 FFC1F7

 4B0004

 FFDFFF

 2B0001

 FFFDFF

 000000

 E22370

 E22370

 E20C63

 E23A7D

 E2005B

 E2508B

 E26798

 E27DA6

 E294B3

 E2ABC1

 E2C1CE

 E2D8DC

 E2EEE9

Harmonies

Analogous

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



C83CAD



E22370



DA3D34

Triad

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



E22370



458700



008BE9

Complementary

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



E22370



23E295

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.



0091BD



E22370



008F3E

Square

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



E22370



887800



009280



007CF5

Rectangle

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



E22370



C65500



009280



008EDD

Sweetspot

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



E22370



FFBFD9



9223E2



805969



000000



808080

Same Dimension

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



E22370



FF0067



E23323



70656A



B00047



300014

Inverse Universe

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



E22370



FF0067



23D2E2



70656A



B00047



300014

Previews

White Background



This preview shows how the Hex color E22370 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 E22370 Background



This preview shows how black text looks on a background with the Hex color E22370.

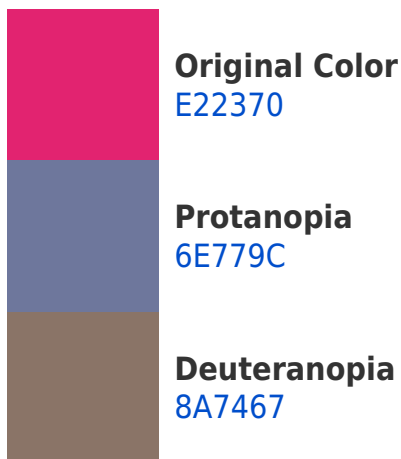


This preview shows how white text looks on a background with the Hex color E22370.

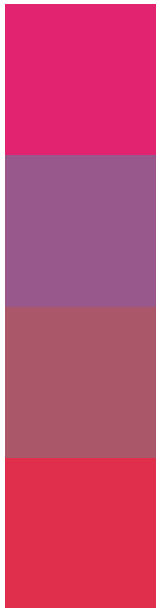
Color Blindness Simulation

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



Trichromacy



Original Color
E22370

Protanomaly
98588C

Deuteranomaly
AA576A

Tritanomaly
E02F4C

Monochromacy



Original Color
E22370

Achromatopsia
656565

Achromatomaly
924D69

CSS Examples

Text

The CSS property to change the color of the text to Hex E22370 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 #E22370 looks like.

```
.text, #text, p{  
    color:#E22370  
}
```

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 #E22370 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E22370
}
```

Border

The CSS property to change the border of an element to Hex E22370 is called "border". The border property can be set on classes, ids or directly on the HTML element.

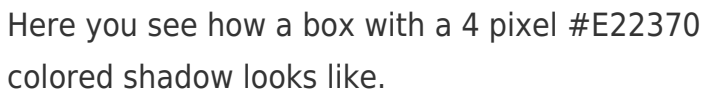
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E22370 }
```

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

```
.border{ border-color:#E22370 }
```

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



Here you see how a box with a 4 pixel #E22370 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E22370; -webkit-box-shadow:4px 4px  
4px 4px #E22370; box-shadow:4px 4px 4px  
4px #E22370 }
```

Background

The CSS property to change the background color of an element to Hex E22370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E22370 }
```

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

```
.background{ background-color:#E22370 }
```

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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