

Converting Colors

Hex(E12D70)

Have a look what the booklet for
Hex(E12D70) contains.

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Color

Hex(E12D70)

Conversions

Conversions Part 1

Format	Color
Hex	E12D70
RGB	225, 45, 112
RGB Percent	88%, 18%, 44%
CMY	0.1176, 0.8235, 0.5608
CMYK	0.00, 0.80, 0.50, 0.12
HSL	338°, 75%, 53%
HSV	338°, 80%, 88%
XYZ	34.9144, 19.0542, 17.1669
YIQ	106.4580, 85.7730, 58.9970

Conversions

Conversions Part 2

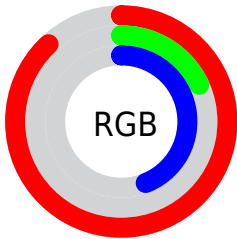
Format	Color
RYB	225, 45, 112
Decimal	14757232
CIELab	50.75, 70.37, 7.04
CIElCh	51, 70.723, 5.714
Yxy	19.0542, 0.4908, 0.2679
Android (android.graphics.Color)	4292947312 (0xFFE12D70)
YUV	106.4580, 2.7322, 103.9613
Hunter-Lab	43.6511, 66.3839, 7.2385

Details

The Hex color **E12D70** 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 **2DE19E**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **FF6EA3**, and **A30041** is the 20% darker color. If you saturate the color by 10%, you get **E11662**, and if you desaturate by 10%, it is **E1447E**.

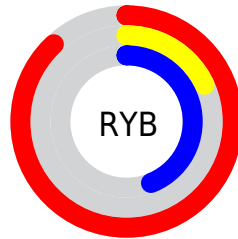
Distribution



Red (88%)

Green (18%)

Blue (44%)



Red (88%)

Yellow (18%)

Blue (44%)

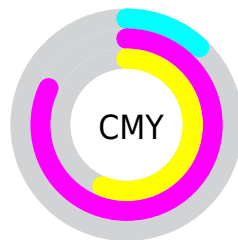


Cyan (0%)

Magenta (80%)

Yellow (50%)

Black (12%)



Cyan (12%)

Magenta (82%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color E12D70 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 E12D70 by changing the saturation by 10% instead.

 E12D70

 E12D70

FFFFFF

 C20058

 FF6EA3

 A30041

 FF8BBE

 85002B

 FFA8DA

 670017

 FFC6F7

 4B0003


 FFE4FF

 2B0001

 000000

 E12D70

 E12D70

 E11662

 E1447E

 E10054

 E15A8C

 E1719A

 E187A8

 E19DB7

 E1B4C5

 E1CBD3

 E1E1E1

 E1F8EF

Harmonies

Analogous

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



C841AC



E12D70



D94336

Triad

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



E12D70



478900



008CE7

Complementary

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



E12D70



2DE19E

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.



0092BE



E12D70



009044

Square

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



E12D70



887A00



009383



007DF2

Rectangle

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



E12D70



C55907



009383



008FDC

Sweetspot

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



E12D70



FFC2D9



9C2DE1



805B68



000000



808080

Same Dimension

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



E12D70



FF0A65



E1422D



706569



B00041



300012

Inverse Universe

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



E12D70



FF0A65



2DCCE1



706569



B00041



300012

Previews

White Background



This preview shows how the Hex color E12D70 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 E12D70 Background



This preview shows how black text looks on a background with the Hex color E12D70.



This preview shows how white text looks on a background with the Hex color E12D70.

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
E12D70

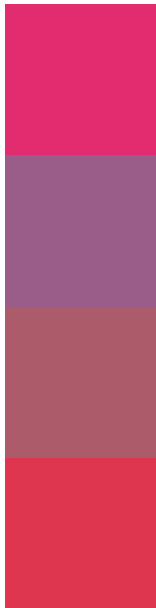
Protanopia
727899

Deuteranopia
8C7567



Tritanopia
DE3B3D

Trichromacy



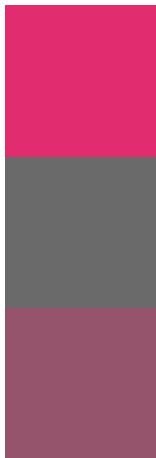
Original Color
E12D70

Protanomaly
9A5D8A

Deuteranomaly
AB5B6A

Tritanomaly
DF3650

Monochromacy



Original Color
E12D70

Achromatopsia
6A6A6A

Achromatomaly
95546C

CSS Examples

Text

The CSS property to change the color of the text to Hex E12D70 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 #E12D70 looks like.

```
.text, #text, p{  
    color:#E12D70  
}
```

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 #E12D70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E12D70
}
```

Border

The CSS property to change the border of an element to Hex E12D70 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
#E12D70 }
```

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

```
.border{ border-color:#E12D70 }
```

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

Here you see how a box with a 4 pixel #E12D70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E12D70; -webkit-box-shadow:4px 4px  
4px 4px #E12D70; box-shadow:4px 4px 4px  
4px #E12D70 }
```

Background

The CSS property to change the background color of an element to Hex E12D70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E12D70 }
```

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

```
.background{ background-color:#E12D70 }
```

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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