

Converting Colors

Hex(E12446)

Have a look what the booklet for
Hex(E12446) contains.

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Color

Hex(E12446)

Conversions

Conversions Part 1

Format	Color
Hex	E12446
RGB	225, 36, 70
RGB Percent	88%, 14%, 27%
CMY	0.1176, 0.8588, 0.7255
CMYK	0.00, 0.84, 0.69, 0.12
HSL	349°, 76%, 51%
HSV	349°, 84%, 88%
XYZ	32.7877, 17.7115, 7.4849
YIQ	96.3870, 101.7300, 50.6420

Conversions

Conversions Part 2

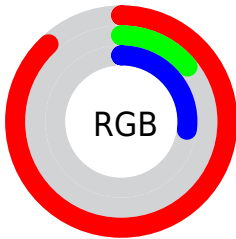
Format	Color
R_YB	225, 36, 70
Decimal	14754886
CIE Lab	49.14, 69.87, 30.39
CIE LCh	49, 76.194, 23.505
Yxy	17.7115, 0.5655, 0.3055
Android (android.graphics.Color)	4292944966 (0xFFE12446)
YUV	96.3870, -13.0088, 112.7936
Hunter-Lab	42.0850, 65.4174, 18.9147

Details

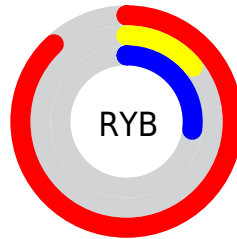
The Hex color **E12446** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **24E1BF**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **FF6776**, and **A1001B** is the 20% darker color. If you saturate the color by 10%, you get **E10D34**, and if you desaturate by 10%, it is **E13A58**.

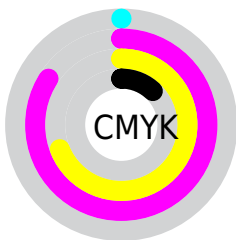
Distribution



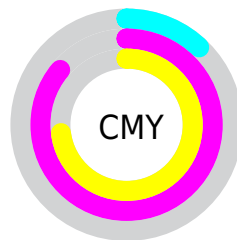
- Red (88%)
- Green (14%)
- Blue (27%)



- Red (88%)
- Yellow (14%)
- Blue (27%)



- Cyan (0%)
- Magenta (84%)
- Yellow (69%)
- Black (12%)





- Cyan (12%)
- Magenta (86%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color E12446 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 E12446 by changing the saturation by 10% instead.

 E12446

 E12446

FFFFFF

 C10030

 FF6776

 A1001B

 FF8590

 820003

 FFA2AA

 630001

 FFC0C5

 460003

 FFDDE1

 250001

 FFFBFE

 000000

 E12446

 E12446

 E10D34

 E13A58

 E10028

 E1516B

 E1677D

 E17E90

 E194A2

 E1ABB5

 E1C1C7

 E1D8DA

 E1EEEC

Harmonies

Analogous

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



DD1786



E12446



C74F00

Triad

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



E12446



008A1C



0081F7

Complementary

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



E12446



24E1BF

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.



008DDD



E12446



008F64

Square

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



E12446



5D8000



0090A7



456AED

Rectangle

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



E12446



AB6500



0090A7



0086F2

Sweetspot

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



E12446



FFBFCB



BE24E1



805960



000000



808080

Same Dimension

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



E12446



FF002E



E16024



706567



B00020



300009

Inverse Universe

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



E12446



FF002E



24A5E1



706567



B00020



300009

Previews

White Background



This preview shows how the Hex color E12446 looks on a white background.

Color Contrast Check

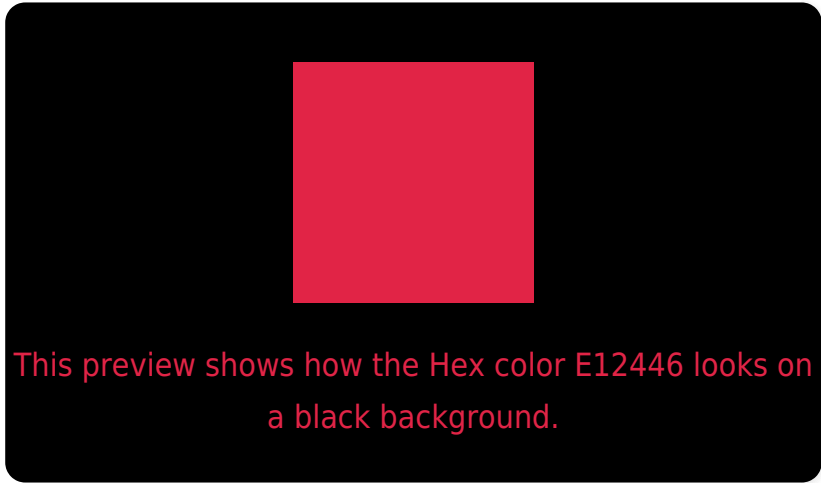
Large Text (above 18pt) WCAG AA ✓ Pass

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 E12446 Background



This preview shows how black text looks on a background with the Hex color E12446.



This preview shows how white text looks on a background with the Hex color E12446.

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
E12446

Protanopia
7C7564

Deuteranopia
91703C



Tritanopia
E02B2A

Trichromacy



Original Color
E12446

Protanomaly
A15859

Deuteranomaly
AE5440

Tritanomaly
E02834

Monochromacy



Original Color
E12446

Achromatopsia
606060

Achromatomaly
8F4A57

CSS Examples

Text

The CSS property to change the color of the text to Hex E12446 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 #E12446 looks like.

```
.text, #text, p{  
    color:#E12446  
}
```

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 #E12446 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E12446
}
```

Border

The CSS property to change the border of an element to Hex E12446 is called "border". The border property can be set on classes, ids or directly on the HTML element.

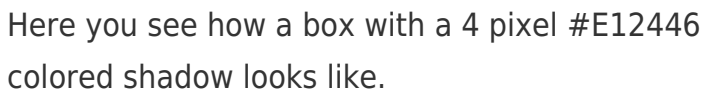
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E12446 }
```

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

```
.border{ border-color:#E12446 }
```

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



Here you see how a box with a 4 pixel #E12446 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E12446; -webkit-box-shadow:4px 4px  
4px 4px #E12446; box-shadow:4px 4px 4px  
4px #E12446 }
```

Background

The CSS property to change the background color of an element to Hex E12446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E12446 }
```

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

```
.background{ background-color:#E12446 }
```

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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