

Converting Colors

Hex(E12A43)

Have a look what the booklet for
Hex(E12A43) contains.

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Color

Hex(E12A43)

Conversions

Conversions Part 1

Format	Color
Hex	E12A43
RGB	225, 42, 67
RGB Percent	88%, 16%, 26%
CMY	0.1176, 0.8353, 0.7373
CMYK	0.00, 0.81, 0.70, 0.12
HSL	352°, 75%, 52%
HSV	352°, 81%, 88%
XYZ	32.8924, 18.0687, 7.0642
YIQ	99.5670, 101.0430, 46.5710

Conversions

Conversions Part 2

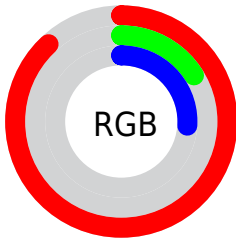
Format	Color
RYB	225, 42, 67
Decimal	14756419
CIELab	49.58, 68.37, 32.70
CIElCh	50, 75.789, 25.563
Yxy	18.0687, 0.5669, 0.3114
Android (android.graphics.Color)	4292946499 (0xFFE12A43)
YUV	99.5670, -16.0555, 110.0047
Hunter-Lab	42.5073, 63.7365, 19.9019

Details

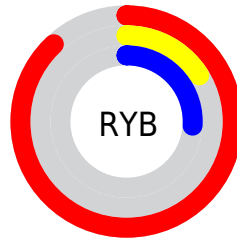
The Hex color **E12A43** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **2AE1C8**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **FF6B73**, and **A10018** is the 20% darker color. If you saturate the color by 10%, you get **E11430**, and if you desaturate by 10%, it is **E14156**.

Distribution



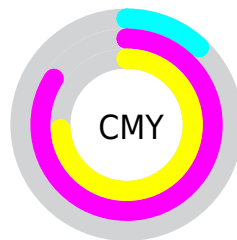
- Red (88%)
- Green (16%)
- Blue (26%)



- Red (88%)
- Yellow (16%)
- Blue (26%)



- Cyan (0%)
- Magenta (81%)
- Yellow (70%)
- Black (12%)



- Cyan (12%)
- Magenta (84%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color E12A43 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 E12A43 by changing the saturation by 10% instead.

 E12A43

 E12A43

FFFFFF

 C1002D

 FF6B73

 A10018

 FF888D

 820000

 FFA5A7

 630001

 FFC2C2


 460003

 FFE0DE


 250001

 FFFEFB

 000000

 E12A43

 E12A43

 E11430

 E14156

 E1001F

 E1576A

 E16E7D

 E18491

 E19BA4

 E1B1B8

 E1C8CB

 E1DEDE

 E1F4F2

Harmonies

Analogous

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



DF1982



E12A43



C65300

Triad

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



E12A43



008C24



0081F8

Complementary

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



E12A43



2AE1C8

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.



008DE0



E12A43



00906A

Square

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



E12A43



598200



0091AC



5569EC

Rectangle

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



E12A43



A86800



0091AC



0087F4

Sweetspot

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



E12A43



FFC2CA



C62AE1



805B60



000000



808080

Same Dimension

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



E12A43



FF0527



E16A2A



706567



B00018



300007

Inverse Universe

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



E12A43



FF0527



2AA1E1



706567



B00018



300007

Previews

White Background



This preview shows how the Hex color E12A43 looks on a white background.

Color Contrast Check

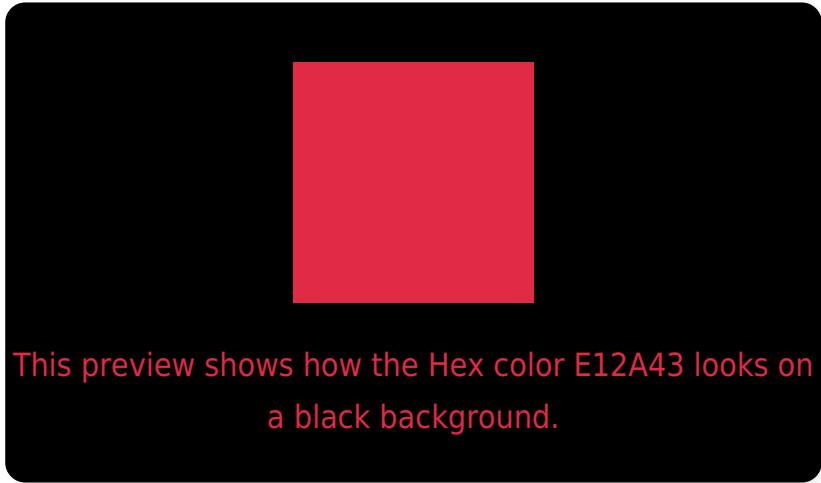
Large Text (above 18pt) WCAG AA ✓ Pass

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 E12A43 Background



This preview shows how black text looks on a background with the Hex color E12A43.



This preview shows how white text looks on a background with the Hex color E12A43.

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
E12A43

Protanopia
7E765E

Deuteranopia
927139



Trichromacy



Original Color
E12A43

Protanomaly
A25A54

Deuteranomaly
AF573D

Tritanomaly
E02D36

Monochromacy



Original Color
E12A43

Achromatopsia
646464

Achromatomaly
914F58

CSS Examples

Text

The CSS property to change the color of the text to Hex E12A43 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 #E12A43 looks like.

```
.text, #text, p{  
    color:#E12A43  
}
```

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 #E12A43 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E12A43
}
```

Border

The CSS property to change the border of an element to Hex E12A43 is called "border". The border property can be set on classes, ids or directly on the HTML element.

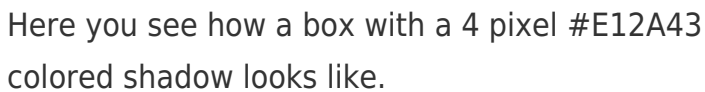
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E12A43 }
```

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

```
.border{ border-color:#E12A43 }
```

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



Here you see how a box with a 4 pixel #E12A43 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E12A43; -webkit-box-shadow:4px 4px  
4px 4px #E12A43; box-shadow:4px 4px 4px  
4px #E12A43 }
```

Background

The CSS property to change the background color of an element to Hex E12A43 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E12A43 }
```

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

```
.background{ background-color:#E12A43 }
```

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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