

Converting Colors

Hex(E12D55)

Have a look what the booklet for
Hex(E12D55) contains.

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Color

Hex(E12D55)

Conversions

Conversions Part 1

Format	Color
Hex	E12D55
RGB	225, 45, 85
RGB Percent	88%, 18%, 33%
CMY	0.1176, 0.8235, 0.6667
CMYK	0.00, 0.80, 0.62, 0.12
HSL	347°, 75%, 53%
HSV	347°, 80%, 88%
XYZ	33.6294, 18.5402, 10.4005
YIQ	103.3800, 94.4400, 50.6000

Conversions

Conversions Part 2

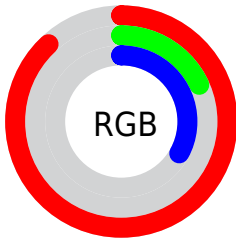
Format	Color
RYB	225, 45, 85
Decimal	14757205
CIELab	50.14, 68.53, 22.62
CIElCh	50, 72.171, 18.265
Yxy	18.5402, 0.5375, 0.2963
Android (android.graphics.Color)	4292947285 (0xFFE12D55)
YUV	103.3800, -9.0613, 106.6607
Hunter-Lab	43.0583, 64.0600, 15.8197

Details

The Hex color **E12D55** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **2DE1B9**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **FF6D86**, and **A20029** is the 20% darker color. If you saturate the color by 10%, you get **E11643**, and if you desaturate by 10%, it is **E14466**.

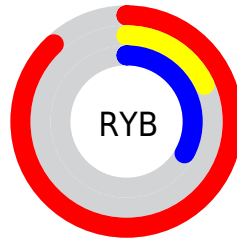
Distribution



Red (88%)

Green (18%)

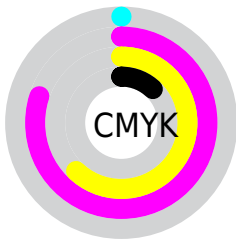
Blue (33%)



Red (88%)

Yellow (18%)

Blue (33%)

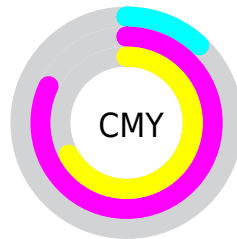


Cyan (0%)

Magenta (80%)

Yellow (62%)

Black (12%)



Cyan (12%)

Magenta (82%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color E12D55 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 E12D55 by changing the saturation by 10% instead.

 E12D55

 E12D55

FFFFFF

 C1003E

 FF6D86

 A20029

 FF8AA0

 830015

 FFA7BB

 650001

 FFC5D7


 480004


 FFE2F3

 270001

 000000

 E12D55

 E12D55

 E11643

 E14466

 E10032

 E15A78

 E17189

 E1879B

 E19DAC

 E1B4BE

 E1CBCF

 E1E1E1

 E1F8F3

Harmonies

Analogous

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



D72F92



E12D55



CD4E18

Triad

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



E12D55



018B17



0086F1

Complementary

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



E12D55



2DE1B9

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.



008FD3



E12D55



00905C

Square

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



E12D55



6D8000



00929C



2772ED

Rectangle

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



E12D55



B46300



00929C



008AEA

Sweetspot

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



E12D55



FFC2CF



B72DE1



805B63



000000



808080

Same Dimension

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



E12D55



FF0A41



E15D2D



706567



B00027



30000B

Inverse Universe

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



E12D55



FF0A41



2DB1E1



706567



B00027



30000B

Previews

White Background



This preview shows how the Hex color E12D55 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 E12D55 Background



This preview shows how black text looks on a background with the Hex color E12D55.

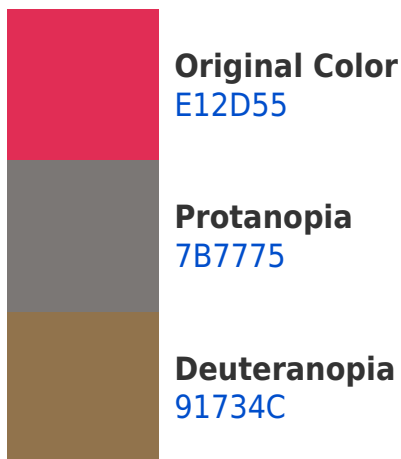


This preview shows how white text looks on a background with the Hex color E12D55.

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](#).

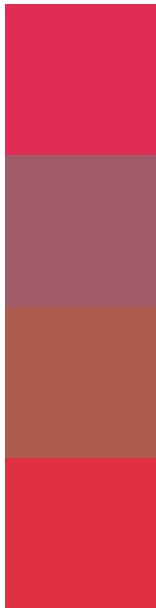
Dichromacy





Tritanopia
E03435

Trichromacy



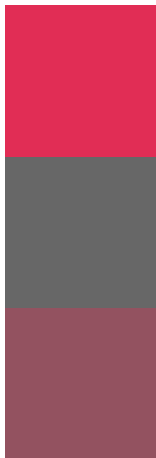
Original Color
E12D55

Protanomaly
A05C69

Deuteranomaly
AE5A4F

Tritanomaly
E03141

Monochromacy



Original Color
E12D55

Achromatopsia
676767

Achromatomaly
935260

CSS Examples

Text

The CSS property to change the color of the text to Hex E12D55 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 #E12D55 looks like.

```
.text, #text, p{  
    color:#E12D55  
}
```

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 #E12D55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E12D55
}
```

Border

The CSS property to change the border of an element to Hex E12D55 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
#E12D55 }
```

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

```
.border{ border-color:#E12D55 }
```

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

Here you see how a box with a 4 pixel #E12D55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E12D55; -webkit-box-shadow:4px 4px  
4px 4px #E12D55; box-shadow:4px 4px 4px  
4px #E12D55 }
```

Background

The CSS property to change the background color of an element to Hex E12D55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E12D55 }
```

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

```
.background{ background-color:#E12D55 }
```

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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