

Converting Colors

Hex(E12F53)

Have a look what the booklet for
Hex(E12F53) contains.

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Color

Hex(E12F53)

Conversions

Conversions Part 1

Format	Color
Hex	E12F53
RGB	225, 47, 83
RGB Percent	88%, 18%, 33%
CMY	0.1176, 0.8157, 0.6745
CMYK	0.00, 0.79, 0.63, 0.12
HSL	348°, 75%, 53%
HSV	348°, 79%, 88%
XYZ	33.6292, 18.6651, 10.0139
YIQ	104.3260, 94.5320, 48.9320

Conversions

Conversions Part 2

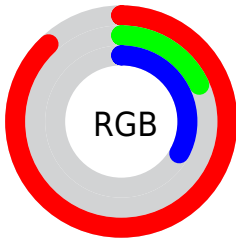
Format	Color
R_{YB}	225, 47, 83
Decimal	14757715
CIE _{Lab}	50.29, 67.89, 24.02
CIE _{LCh}	50, 72.019, 19.484
Yxy	18.6651, 0.5397, 0.2996
Android (android.graphics.Color)	4292947795 (0xFFE12F53)
YUV	104.3260, -10.5137, 105.8311
Hunter-Lab	43.2031, 63.3383, 16.4996

Details

The Hex color **E12F53** 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 **2FE1BD**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **FF6E84**, and **A20027** is the 20% darker color. If you saturate the color by 10%, you get **E11841**, and if you desaturate by 10%, it is **E14665**.

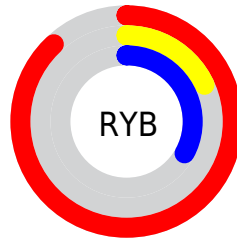
Distribution



Red (88%)

Green (18%)

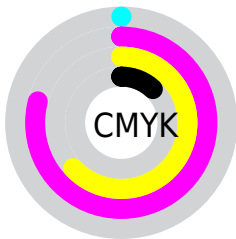
Blue (33%)



Red (88%)

Yellow (18%)

Blue (33%)

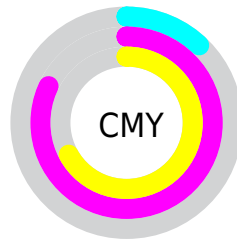


Cyan (0%)

Magenta (79%)

Yellow (63%)

Black (12%)



Cyan (12%)

Magenta (82%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color E12F53 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 E12F53 by changing the saturation by 10% instead.

 E12F53

 E12F53

FFFFFF

 C1003C

 FF6E84

 A20027

 FF8B9E

 830013

 FFA8B9

 640000

 FFC6D5

 480003

 FFE3F1

 270001

 000000

 E12F53

 E12F53

 E11841

 E14665

 E1022F

 E15C77

 E1002E

 E17289

 E1899B

 E1A0AD

 E1B6BF

 E1CCD1

 E1E3E3

 E1F9F5

Harmonies

Analogous

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



D82E90



E12F53



CC5016

Triad

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



E12F53



008C1C



0086F1

Complementary

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



E12F53



2FE1BD

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.



0090D5



E12F53



00915F

Square

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



E12F53



6B8100



00929F



3571ED

Rectangle

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



E12F53



B26500



00929F



008AEB

Sweetspot

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



E12F53



FFC2CE



BA2FE1



805B62



000000



808080

Same Dimension

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



E12F53



FF0D3E



E1612F



706567



B00024



30000A

Inverse Universe

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



E12F53



FF0D3E



2FAFE1



706567



B00024



30000A

Previews

White Background



This preview shows how the Hex color E12F53 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 E12F53 Background



This preview shows how black text looks on a background with the Hex color E12F53.

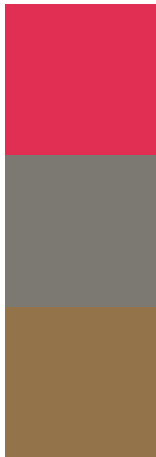


This preview shows how white text looks on a background with the Hex color E12F53.

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
E12F53

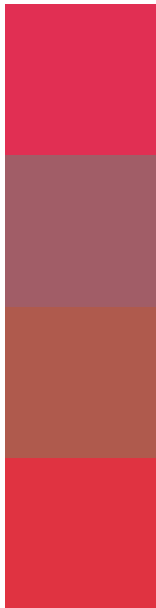
Protanopia
7C7872

Deuteranopia
92734A



Tritanopia
E03537

Trichromacy



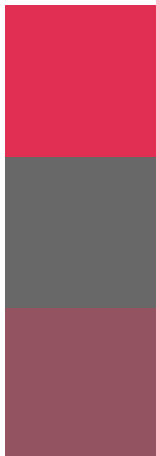
Original Color
E12F53

Protanomaly
A15D67

Deuteranomaly
AF5A4D

Tritanomaly
E03341

Monochromacy



Original Color
E12F53

Achromatopsia
686868

Achromatomaly
945360

CSS Examples

Text

The CSS property to change the color of the text to Hex E12F53 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 #E12F53 looks like.

```
.text, #text, p{  
    color:#E12F53  
}
```

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 #E12F53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E12F53
}
```

Border

The CSS property to change the border of an element to Hex E12F53 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".

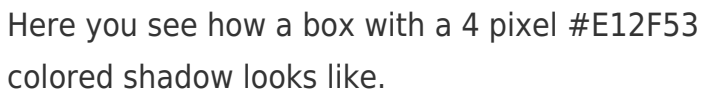
```
.border, #border, table{ border:4px solid
#E12F53 }
```

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

```
.border{ border-color:#E12F53 }
```

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

Here you see how a box with a 4 pixel #E12F53 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E12F53; -webkit-box-shadow:4px 4px  
4px 4px #E12F53; box-shadow:4px 4px 4px  
4px #E12F53 }
```

Background

The CSS property to change the background color of an element to Hex E12F53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E12F53 }
```

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

```
.background{ background-color:#E12F53 }
```

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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