

Converting Colors

Hex(F12B45)

Have a look what the booklet for
Hex(F12B45) contains.

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Color

Hex(F12B45)

Conversions

Conversions Part 1

Format	Color
Hex	F12B45
RGB	241, 43, 69
RGB Percent	95%, 17%, 27%
CMY	0.0549, 0.8314, 0.7294
CMYK	0.00, 0.82, 0.71, 0.05
HSL	352°, 88%, 56%
HSV	352°, 82%, 95%
XYZ	38.2137, 20.8582, 7.6422
YIQ	105.1660, 109.6620, 50.0620

Conversions

Conversions Part 2

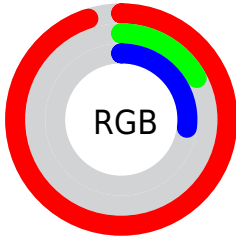
Format	Color
R _Y B	241, 43, 69
Decimal	15805253
CIE Lab	52.79, 72.51, 36.11
CIE LCh	53, 81.001, 26.475
Yxy	20.8582, 0.5728, 0.3127
Android (android.graphics.Color)	4293995333 (0xFFFF12B45)
YUV	105.1660, -17.8298, 119.1264
Hunter-Lab	45.6708, 69.4308, 22.0484

Details

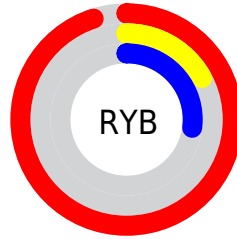
The Hex color **F12B45** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **2BF1D7**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **FF6E75**, and **B0001A** is the 20% darker color. If you saturate the color by 10%, you get **F11330**, and if you desaturate by 10%, it is **F1435A**.

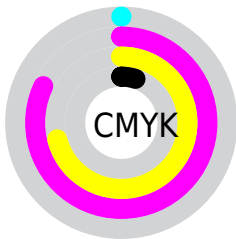
Distribution



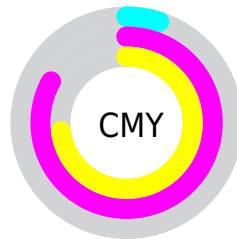
- Red (95%)
- Green (17%)
- Blue (27%)



- Red (95%)
- Yellow (17%)
- Blue (27%)



- Cyan (0%)
- Magenta (82%)
- Yellow (71%)
- Black (5%)



- Cyan (5%)
- Magenta (83%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color F12B45 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 F12B45 by changing the saturation by 10% instead.

 F12B45

 F12B45

FFFFFF

 D0002F

 FF6E75

 B0001A

 FF8C8F

 900002

 FFA9A9

 710000

 FFC7C5

 520003

 FFE5E1

 330002

FFFFFFD

 000000

 F12B45

 F12B45

 F11330

 F1435A

 F10020

 F15B6F

 F17384

 F18B99

 F1A3AE

 F1BCC3

 F1D4D8

 F1ECEC

 F1FFFF

Harmonies

Analogous

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



F11289



F12B45



D35900

Triad

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



F12B45



009627



008AFF

Complementary

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



F12B45



2BF1D7

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.



0097F2



F12B45



009B73

Square

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



F12B45



5C8C00



009BBB



5E6FFC

Rectangle

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



F12B45



B36F00



009BBB



0090FF

Sweetspot

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



F12B45



FFBFC8



D72BF1



80595E



000000



808080

Same Dimension

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



F12B45



FF0324



F1742B



786C6D



B80018



380007

Inverse Universe

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



F12B45



FF0324



2BA8F1



786C6D



B80018



380007

Previews

White Background



This preview shows how the Hex color F12B45 looks on a white background.

Color Contrast Check

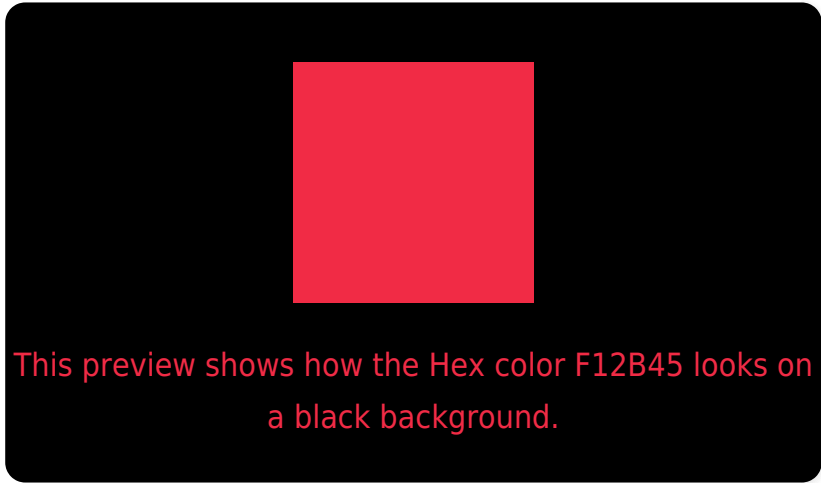
Large Text (above 18pt) WCAG AA ✓ Pass

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 F12B45 Background



This preview shows how black text looks on a background with the Hex color F12B45.

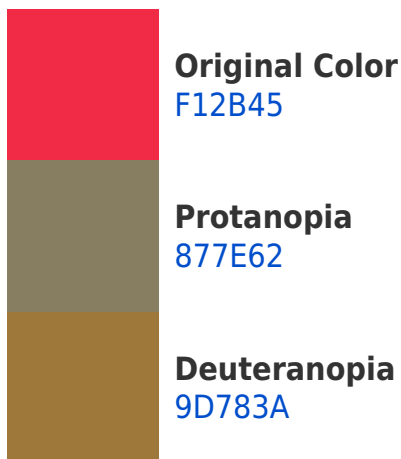


This preview shows how white text looks on a background with the Hex color F12B45.

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





Trichromacy



Original Color
F12B45

Protanomaly
AE6057

Deuteranomaly
BC5C3E

Tritanomaly
F02E37

Monochromacy



Original Color
F12B45

Achromatopsia
696969

Achromatomaly
9A525C

CSS Examples

Text

The CSS property to change the color of the text to Hex F12B45 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 #F12B45 looks like.

```
.text, #text, p{  
  color:#F12B45  
}
```

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 #F12B45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F12B45
}
```

Border

The CSS property to change the border of an element to Hex F12B45 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
#F12B45 }
```

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

```
.border{ border-color:#F12B45 }
```

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

Here you see how a box with a 4 pixel #F12B45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F12B45; -webkit-box-shadow:4px 4px  
4px 4px #F12B45; box-shadow:4px 4px 4px  
4px #F12B45 }
```

Background

The CSS property to change the background color of an element to Hex F12B45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F12B45 }
```

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

```
.background{ background-color:#F12B45 }
```

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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