

Converting Colors

Hex(F40137)

Have a look what the booklet for
Hex(F40137) contains.

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Color

Hex(F40137)

Conversions

Conversions Part 1

Format	Color
Hex	F40137
RGB	244, 1, 55
RGB Percent	96%, 0%, 22%
CMY	0.0431, 0.9961, 0.7843
CMYK	0.00, 1.00, 0.77, 0.04
HSL	347°, 99%, 48%
HSV	347°, 100%, 96%
XYZ	38.0087, 19.5306, 5.3809
YIQ	79.8130, 127.4940, 68.3100

Conversions

Conversions Part 2

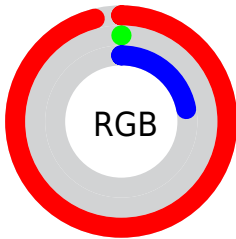
Format	Color
R_{YB}	244, 1, 55
Decimal	15991095
CIE _{Lab}	51.30, 78.27, 42.64
CIE _{LCh}	51, 89.137, 28.582
Yxy	19.5306, 0.6041, 0.3104
Android (android.graphics.Color)	4294181175 (0xFFFF40137)
YUV	79.8130, -12.2328, 143.9920
Hunter-Lab	44.1935, 76.1806, 23.7164

Details

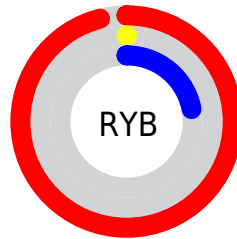
The Hex color **F40137** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **01F4BE**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **FF5F66**, and **B2000D** is the 20% darker color. If you saturate the color by 10%, you get **F40036**, and if you desaturate by 10%, it is **F4194A**.

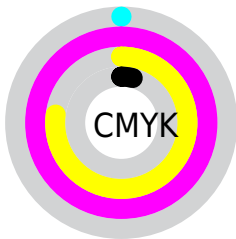
Distribution



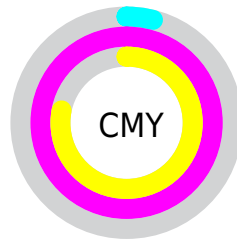
- Red (96%)
- Green (0%)
- Blue (22%)



- Red (96%)
- Yellow (0%)
- Blue (22%)



- Cyan (0%)
- Magenta (100%)
- Yellow (77%)
- Black (4%)



- Cyan (4%)
- Magenta (100%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color F40137 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 F40137 by changing the saturation by 10% instead.

 F40137

 F40137

FFFFFF

 D30021

 FF5F66

 B2000D

 FF7E7F

 920000

 FF9D99

 710002

 FFBBB4

 530004

 FFD9D0

 330002

 FFF8EC

 000000

 F40137

 F40137

 F40036

 F4194A

 F4325D

 F44A70

 F46383

 F47B96

 F493A9

 F4ACBC

 F4C4CF

 F4DDE2

Harmonies

Analogous

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



F70081



F40137



D15300

Triad

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



F40137



00941E



0086FF

Complementary

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



F40137



01F4BE

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.



0095FD



F40137



009874

Square

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



F40137



4B8A00



0099C2



5D67FF

Rectangle

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



F40137



AD6D00



0099C2



008DFF

Sweetspot

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



F40137



FFB3C3



BB01F4



80525C



000000



808080

Same Dimension

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



F40137



FF0039



F44201



7A6E71



BA0029



3B000D

Inverse Universe

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



F40137



FF0039



01B3F4



7A6E71



BA0029



3B000D

Previews

White Background



This preview shows how the Hex color F40137 looks on a white background.

Color Contrast Check

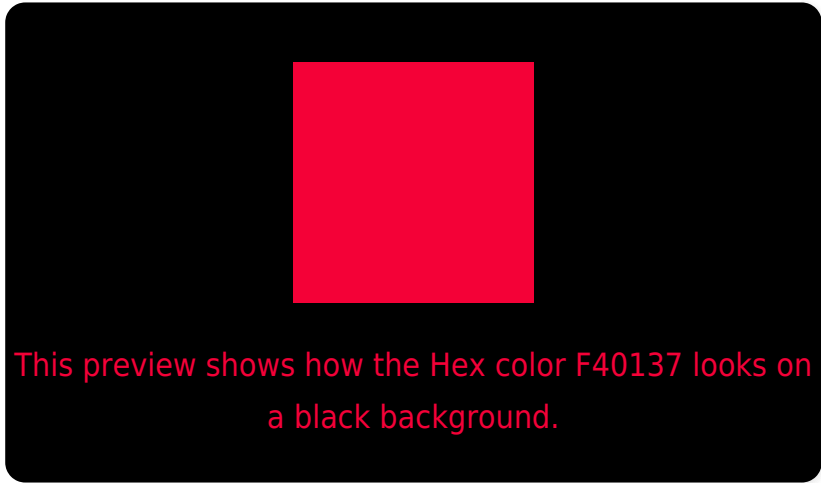
Large Text (above 18pt) WCAG AA ✓ Pass

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 F40137 Background



This preview shows how black text looks on a background with the Hex color F40137.



This preview shows how white text looks on a background with the Hex color F40137.

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
F40137

Protanopia
867C54

Deuteranopia
9B7628



Tritanopia
F3170B

Trichromacy



Original Color
F40137



Protanomaly
AE4F49



Deuteranomaly
BB4B2D



Tritanomaly
F30F1B

Monochromacy



Original Color
F40137



Achromatopsia
505050



Achromatomaly
8C3347

CSS Examples

Text

The CSS property to change the color of the text to Hex F40137 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 #F40137 looks like.

```
.text, #text, p{  
    color:#F40137  
}
```

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 #F40137 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F40137
}
```

Border

The CSS property to change the border of an element to Hex F40137 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".

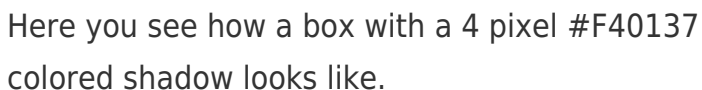
```
.border, #border, table{ border:4px solid
#F40137 }
```

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

```
.border{ border-color:#F40137 }
```

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

Here you see how a box with a 4 pixel #F40137 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F40137; -webkit-box-shadow:4px 4px  
4px 4px #F40137; box-shadow:4px 4px 4px  
4px #F40137 }
```

Background

The CSS property to change the background color of an element to Hex F40137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F40137 }
```

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

```
.background{ background-color:#F40137 }
```

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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