

Converting Colors

Hex(F13537)

Have a look what the booklet for
Hex(F13537) contains.

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Color

Hex(F13537)

Conversions

Conversions Part 1

Format	Color
Hex	F13537
RGB	241, 53, 55
RGB Percent	95%, 21%, 22%
CMY	0.0549, 0.7922, 0.7843
CMYK	0.00, 0.78, 0.77, 0.05
HSL	359°, 87%, 58%
HSV	359°, 78%, 95%
XYZ	38.2383, 21.5228, 5.7534
YIQ	109.4400, 111.4060, 40.4780

Conversions

Conversions Part 2

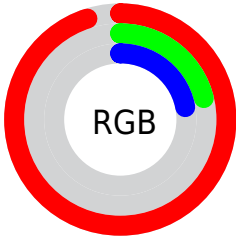
Format	Color
R_{YB}	241, 53, 55
Decimal	15807799
CIE _{Lab}	53.52, 69.47, 44.81
CIE _{LCh}	54, 82.665, 32.822
Yxy	21.5228, 0.5837, 0.3285
Android (android.graphics.Color)	4293997879 (0xFFFF13537)
YUV	109.4400, -26.8389, 115.3781
Hunter-Lab	46.3927, 65.9381, 25.1221

Details

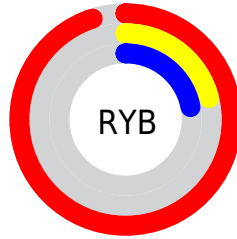
The Hex color **F13537** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **35F1EF**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **FF7467**, and **B0000B** is the 20% darker color. If you saturate the color by 10%, you get **F11D1F**, and if you desaturate by 10%, it is **F14D4F**.

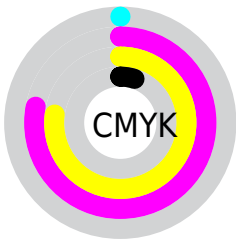
Distribution



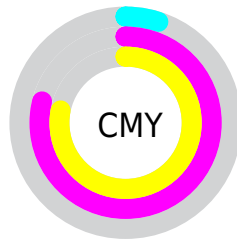
- Red (95%)
- Green (21%)
- Blue (22%)



- Red (95%)
- Yellow (21%)
- Blue (22%)



- Cyan (0%)
- Magenta (78%)
- Yellow (77%)
- Black (5%)



- Cyan (5%)
- Magenta (79%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color F13537 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 F13537 by changing the saturation by 10% instead.

 F13537

 F13537

FFFFFF

 D00021

 FF7467

 B0000B

 FF9180

 900000

 FFAE9A

 700000

 FFCCB5

 510002

 FFEAD1

 330002

 FFFFEE

 000000

 F13537

 F13537

 F11D1F

 F14D4F

 F10507

 F16567

 F10003

 F17D7F

 F19596

 F1ADAE

 F1C6C6

 F1DEDE

 F1F6F6

 F1FFFF

Harmonies

Analogous

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



F8047C



F13537



CD6200

Triad

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



F13537



009A39



0087FF

Complementary

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



F13537



35F1EF

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.



0098FF



F13537



009D85

Square

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



F13537



4A9100



009DCC



8069F9

Rectangle

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



F13537



AA7700



009DCC



008EFF

Sweetspot

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



F13537



FFC4C5



EE35F1



805C5C



000000



808080

Same Dimension

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



F13537



FF0F12



F19035



786C6C



B80002



380001

Inverse Universe

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



F13537



FF0F12



3596F1



786C6C



B80002



380001

Previews

White Background



This preview shows how the Hex color F13537 looks on a white background.

Color Contrast Check

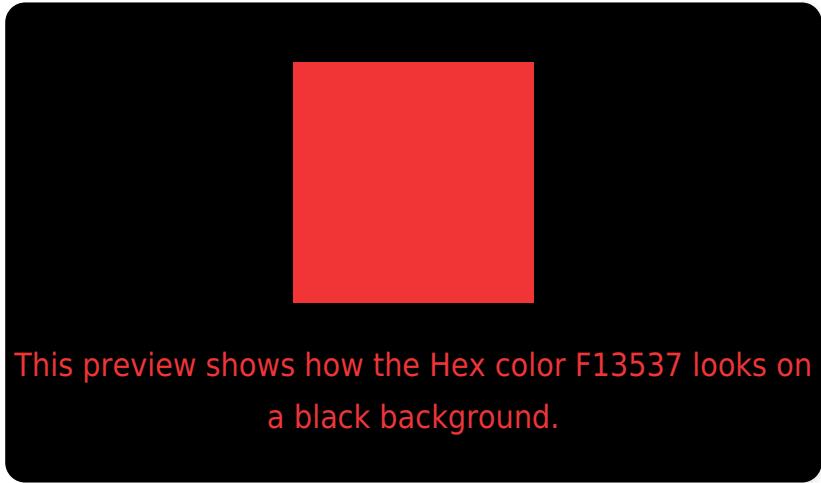
Large Text (above 18pt) WCAG AA ✓ Pass

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 F13537 Background



This preview shows how black text looks on a background with the Hex color F13537.



This preview shows how white text looks on a background with the Hex color F13537.

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
F13537

Protanopia
8C804E

Deuteranopia
A17A29



Tritanopia
F13536

Trichromacy



Original Color
F13537

Protanomaly
B16546

Deuteranomaly
BE612E

Tritanomaly
F13536

Monochromacy



Original Color
F13537

Achromatopsia
6D6D6D

Achromatomaly
9D5959

CSS Examples

Text

The CSS property to change the color of the text to Hex F13537 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 #F13537 looks like.

```
.text, #text, p{  
    color:#F13537  
}
```

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 #F13537 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F13537
}
```

Border

The CSS property to change the border of an element to Hex F13537 is called "border". The border property can be set on classes, ids or directly on the HTML element.

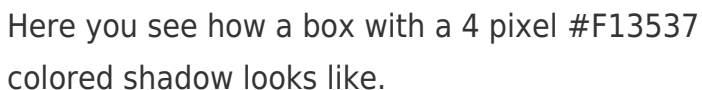
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F13537 }
```

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

```
.border{ border-color:#F13537 }
```

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



Here you see how a box with a 4 pixel #F13537 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F13537; -webkit-box-shadow:4px 4px  
4px 4px #F13537; box-shadow:4px 4px 4px  
4px #F13537 }
```

Background

The CSS property to change the background color of an element to Hex F13537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F13537 }
```

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

```
.background{ background-color:#F13537 }
```

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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