

# Converting Colors

Hex(FA1E47)

Have a look what the booklet for  
Hex(FA1E47) contains.

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# Color

**Hex(FA1E47)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FA1E47
RGB	250, 30, 71
RGB Percent	98%, 12%, 28%
CMY	0.0196, 0.8824, 0.7216
CMYK	0.00, 0.88, 0.72, 0.02
HSL	349°, 96%, 55%
HSV	349°, 88%, 98%
XYZ	41.0259, 21.7075, 7.9889
YIQ	100.4540, 117.9590, 59.3910

# Conversions

## Conversions Part 2

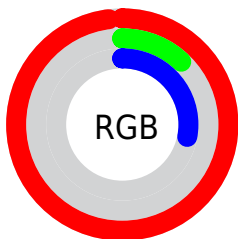
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	250, 30, 71
Decimal	16391751
CIE <sub>Lab</sub>	53.72, 77.37, 36.47
CIE <sub>LCh</sub>	54, 85.539, 25.237
Yxy	21.7075, 0.5801, 0.3069
Android (android.graphics.Color)	4294581831 (0xFFFA1E47)
YUV	100.4540, -14.5208, 131.1518
Hunter-Lab	46.5913, 75.6434, 22.4476

# Details

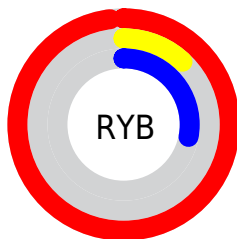
The Hex color **FA1E47** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **1EFAD1**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **FF6977**, and **B9001C** is the 20% darker color. If you saturate the color by 10%, you get **FA0533**, and if you desaturate by 10%, it is **FA375B**.

# Distribution



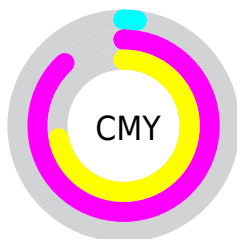
- Red (98%)
- Green (12%)
- Blue (28%)



- Red (98%)
- Yellow (12%)
- Blue (28%)



- Cyan (0%)
- Magenta (88%)
- Yellow (72%)
- Black (2%)



- Cyan (2%)
- Magenta (88%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FA1E47 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 FA1E47 by changing the saturation by 10% instead.



 FA1E47

 FA1E47

FFFFFF

 D90031

 FF6977

 B9001C

 FF8891

 980005

 FFA6AC

 780001

 FFC4C7

 590003

 FFE2E3

 3A0002

 110000

 000000

 FA1E47

 FA1E47

 FA0533

 FA375B

 FA002F

 FA5070

 FA6984

 FA8298

 FA9BAD

 FAB4C1

 FACDD5

 FAE6EA

 FAFFFE

# Harmonies

## Analogous

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



F80090



FA1E47



DB5600

# Triad

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



FA1E47



00991E



008EFF

# Complementary

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



FA1E47



1EFAD1

# 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.



009BFA



FA1E47



009E72

# Square

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



FA1E47



5F8E00



009FBE



5372FF

# Rectangle

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



FA1E47



B97000



009FBE



0094FF



# Sweetspot

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



FA1E47



FFBDC9



CE1EFA



80585F



000000



808080



# Same Dimension

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



FA1E47



FF0030



FA601E



7D7073



BD0023



3D000B



# Inverse Universe

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



FA1E47



FF0030



1EB8FA



7D7073



BD0023



3D000B



# Previews

## White Background



This preview shows how the Hex color FA1E47 looks on a white background.

## Color Contrast Check

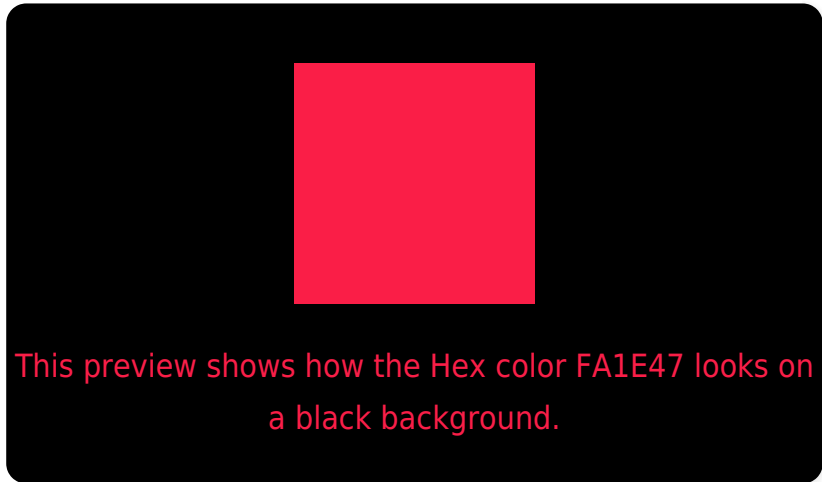
Large Text (above 18pt) WCAG AA ✓ Pass

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 FA1E47 Background



This preview shows how black text looks on a background with the Hex color FA1E47.



This preview shows how white text looks on a background with the Hex color FA1E47.

# 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**  
FA1E47

**Protanopia**  
898167

**Deuteranopia**  
9F7B3B



**Tritanopia**  
F92724

# Trichromacy



**Original Color**  
FA1E47



**Protanomaly**  
B25D5B



**Deuteranomaly**  
C0593F



**Tritanomaly**  
F92431

# Monochromacy



**Original Color**  
FA1E47



**Achromatopsia**  
646464



**Achromatomaly**  
9B4B59

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FA1E47 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 #FA1E47 looks like.

```
.text, #text, p{  
    color:#FA1E47  
}
```

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 #FA1E47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FA1E47
}
```

## Border

The CSS property to change the border of an element to Hex FA1E47 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".

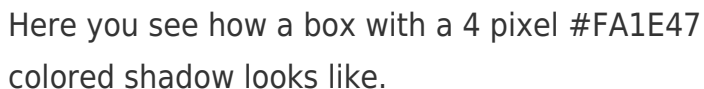
```
.border, #border, table{ border:4px solid
#FA1E47 }
```

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

```
.border{ border-color:#FA1E47 }
```

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

Here you see how a box with a 4 pixel #FA1E47 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FA1E47; -webkit-box-shadow:4px 4px  
4px 4px #FA1E47; box-shadow:4px 4px 4px  
4px #FA1E47 }
```

# Background

The CSS property to change the background color of an element to Hex FA1E47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FA1E47 }
```

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

```
.background{ background-color:#FA1E47 }
```

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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