

# Converting Colors

Hex(FA253A)

Have a look what the booklet for  
Hex(FA253A) contains.

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**Color**

**Hex(FA253A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FA253A
RGB	250, 37, 58
RGB Percent	98%, 15%, 23%
CMY	0.0196, 0.8549, 0.7725
CMYK	0.00, 0.85, 0.77, 0.02
HSL	354°, 96%, 56%
HSV	354°, 85%, 98%
XYZ	40.8496, 21.9526, 6.0873
YIQ	103.0810, 120.2070, 51.6870

# Conversions

## Conversions Part 2

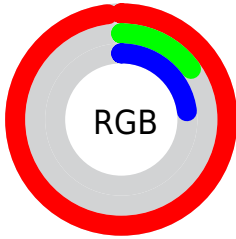
Format	Color
<a href="#">RYB</a>	<a href="#">250, 37, 58</a>
Decimal	<a href="#">16393530</a>
CIELab	<a href="#">53.98, 75.71, 44.17</a>
CIElCh	<a href="#">54, 87.651, 30.264</a>
Yxy	<a href="#">21.9526, 0.5930, 0.3187</a>
Android (android.graphics.Color)	<a href="#">4294583610 (0xFFFA253A)</a>
YUV	<a href="#">103.0810, -22.2249, 128.8480</a>
Hunter-Lab	<a href="#">46.8536, 73.6325, 25.0945</a>

# Details

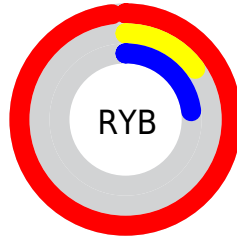
The Hex color **FA253A** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **25FAE5**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **FF6C6A**, and **B8000F** is the 20% darker color. If you saturate the color by 10%, you get **FA0C23**, and if you desaturate by 10%, it is **FA3E51**.

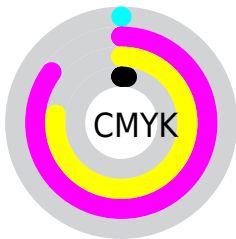
# Distribution



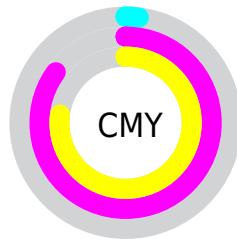
- Red (98%)
- Green (15%)
- Blue (23%)



- Red (98%)
- Yellow (15%)
- Blue (23%)



- Cyan (0%)
- Magenta (85%)
- Yellow (77%)
- Black (2%)



- Cyan (2%)
- Magenta (85%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FA253A 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 FA253A by changing the saturation by 10% instead.



 FA253A

 FA253A

FFFFFF

 D90024

 FF6C6A

 B8000F

 FF8A83

 980000

 FFA89D

 770000

 FFC6B8

 580003

 FFE4D4

 390002

 FFFFF1

 100000

 000000

 FA253A

 FA253A

 FA0C23

 FA3E51

 FA0019

 FA5767

 FA707E

 FA8994

 FAA2AB

 FABBC1

 FAD4D8

 FAEDEE

 FAFFFF

# Harmonies

## Analogous

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



FF0084



FA253A



D65D00

# Triad

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



FA253A



009B2D



008BFF

# Complementary

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



FA253A



25FAE5

# 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.



009BFF



FA253A



00A080

# Square

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



FA253A



4E9200



00A0CC



726CFF

# Rectangle

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



FA253A



B17500



00A0CC



0092FF



# Sweetspot

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



FA253A



FFBDC3



E525FA



80585C



000000



808080



# Same Dimension

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



FA253A



FF0019



FA7A25



7D7072



BD0013



3D0006



# Inverse Universe

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



FA253A



FF0019



25A5FA



7D7072



BD0013



3D0006



# Previews

## White Background



This preview shows how the Hex color FA253A looks on a white background.

## Color Contrast Check

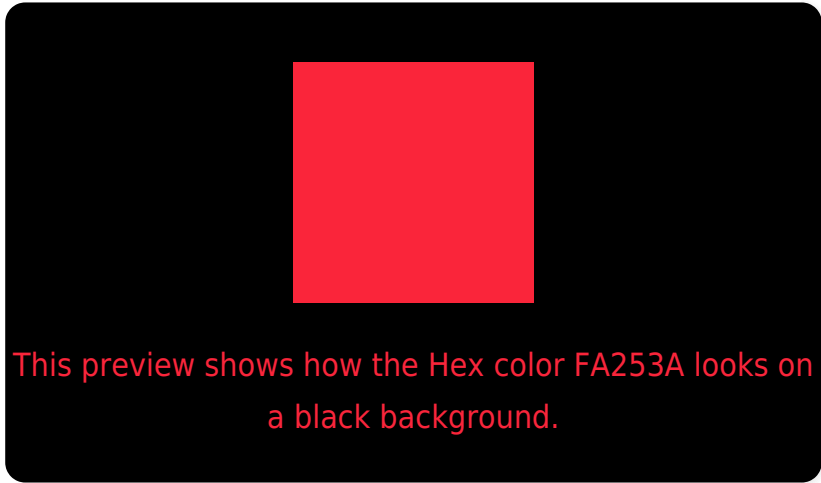
Large Text (above 18pt) WCAG AA ✓ Pass

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 FA253A Background



This preview shows how black text looks on a background with the Hex color FA253A.



This preview shows how white text looks on a background with the Hex color FA253A.

# 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**  
FA253A

**Protanopia**  
8D8155

**Deuteranopia**  
A27B2B



# Trichromacy



**Original Color**  
FA253A

**Protanomaly**  
B5604B

**Deuteranomaly**  
C25C30

**Tritanomaly**  
FA282E

# Monochromacy



**Original Color**  
FA253A

**Achromatopsia**  
676767

**Achromatomaly**  
9C4F57

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FA253A 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 #FA253A looks like.

```
.text, #text, p{  
    color:#FA253A  
}
```

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 #FA253A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FA253A
}
```

## Border

The CSS property to change the border of an element to Hex FA253A 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
#FA253A }
```

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

```
.border{ border-color:#FA253A }
```

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

Here you see how a box with a 4 pixel #FA253A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FA253A; -webkit-box-shadow:4px 4px  
4px 4px #FA253A; box-shadow:4px 4px 4px  
4px #FA253A }
```

# Background

The CSS property to change the background color of an element to Hex FA253A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FA253A }
```

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

```
.background{ background-color:#FA253A }
```

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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