

# Converting Colors

Hex(F6133A)

Have a look what the booklet for  
Hex(F6133A) contains.

<b>Hex(F6133A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(F6133A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F6133A
RGB	246, 19, 58
RGB Percent	96%, 7%, 23%
CMY	0.0353, 0.9255, 0.7725
CMYK	0.00, 0.92, 0.76, 0.04
HSL	350°, 93%, 52%
HSV	350°, 92%, 96%
XYZ	39.0026, 20.3641, 5.8780
YIQ	91.3190, 122.7730, 60.2530

# Conversions

## Conversions Part 2

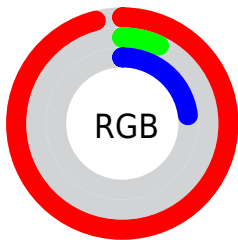
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	246, 19, 58
Decimal	16126778
CIE <sub>Lab</sub>	52.25, 77.39, 42.08
CIE <sub>LCh</sub>	52, 88.088, 28.534
Yxy	20.3641, 0.5978, 0.3121
Android (android.graphics.Color)	4294316858 (0xFFFF6133A)
YUV	91.3190, -16.4263, 135.6552
Hunter-Lab	45.1266, 75.3051, 23.8658

# Details

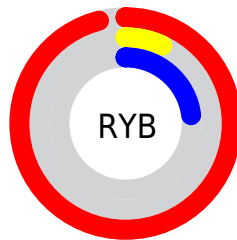
The Hex color **F6133A** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **13F6CF**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **FF6469**, and **B40010** is the 20% darker color. If you saturate the color by 10%, you get **F6002A**, and if you desaturate by 10%, it is **F62C4E**.

# Distribution



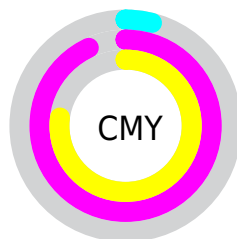
- Red (96%)
- Green (7%)
- Blue (23%)



- Red (96%)
- Yellow (7%)
- Blue (23%)



- Cyan (0%)
- Magenta (92%)
- Yellow (76%)
- Black (4%)



- Cyan (4%)
- Magenta (93%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F6133A 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 F6133A by changing the saturation by 10% instead.



 F6133A

 F6133A

FFFFFF

 D50024

 FF6469

 B40010

 FF8383

 940000

 FFA19D

 730001

 FF8FB8

 550004

 FFDD4

 350002

 FFFCF0

 020000

 000000

 F6133A

 F6133A

 F6002A

 F62C4E

 F64463

 F65D77

 F6758B

 F68EA0

 F6A7B4

 F6BFC9

 F6D8DD

 F6F0F1

# Harmonies

## Analogous

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



F90084



F6133A



D35600

# Triad

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



F6133A



009622



0088FF

# Complementary

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



F6133A



13F6CF

# 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.



0097FF



F6133A



009B77

# Square

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



F6133A



4F8D00



009BC4



616AFF

# Rectangle

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



F6133A



B06F00



009BC4



008FFF



# Sweetspot

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



F6133A



FFB8C4



CC13F6



80545C



000000



808080



# Same Dimension

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



F6133A



FF002C



F65B13



7A6E70



BA0020



3B000A



# Inverse Universe

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



F6133A



FF002C



13AEF6



7A6E70



BA0020



3B000A



# Previews

## White Background



This preview shows how the Hex color F6133A looks on a white background.

## Color Contrast Check

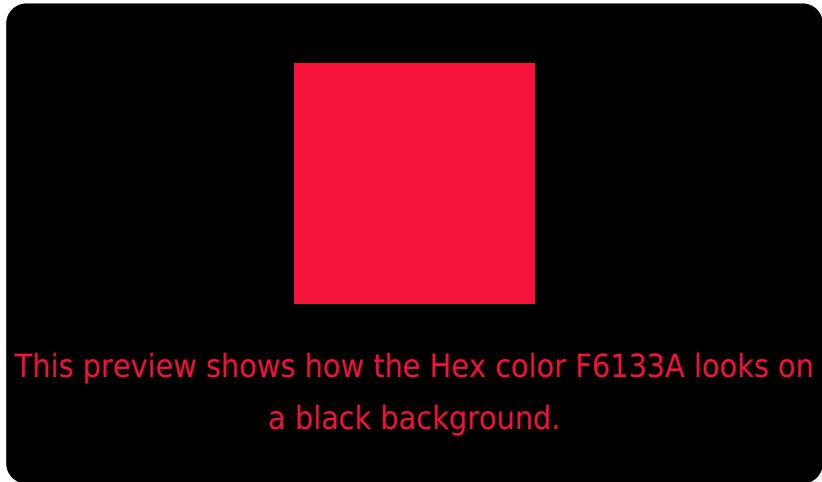
Large Text (above 18pt) WCAG AA ✓ Pass

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 F6133A Background



This preview shows how black text looks on a background with the Hex color F6133A.

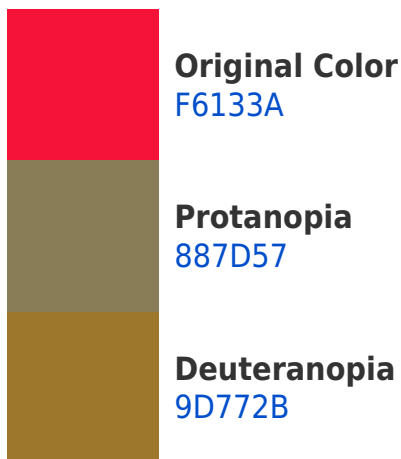


This preview shows how white text looks on a background with the Hex color F6133A.

# 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





**Tritanopia**  
F51D17

# Trichromacy



**Original Color**  
F6133A



**Protanomaly**  
B0564C



**Deuteranomaly**  
BD5330



**Tritanomaly**  
F51924

# Monochromacy



**Original Color**  
F6133A



**Achromatopsia**  
5B5B5B



**Achromatomaly**  
93414F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F6133A 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 #F6133A looks like.

```
.text, #text, p{  
    color:#F6133A  
}
```

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 #F6133A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F6133A
}
```

## Border

The CSS property to change the border of an element to Hex F6133A 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
#F6133A }
```

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

```
.border{ border-color:#F6133A }
```

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

Here you see how a box with a 4 pixel #F6133A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F6133A; -webkit-box-shadow:4px 4px  
4px 4px #F6133A; box-shadow:4px 4px 4px  
4px #F6133A }
```

# Background

The CSS property to change the background color of an element to Hex F6133A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F6133A }
```

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

```
.background{ background-color:#F6133A }
```

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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