

# Converting Colors

Hex(7F2933)

Have a look what the booklet for  
Hex(7F2933) contains.

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**Color**

**Hex(7F2933)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7F2933
RGB	127, 41, 51
RGB Percent	50%, 16%, 20%
CMY	0.5020, 0.8392, 0.8000
CMYK	0.00, 0.68, 0.60, 0.50
HSL	353°, 51%, 33%
HSV	353°, 68%, 50%
XYZ	10.1429, 6.3369, 3.8205
YIQ	67.8540, 48.0460, 21.3420

# Conversions

## Conversions Part 2

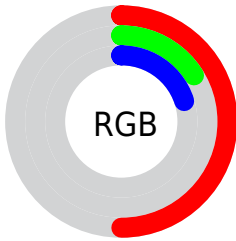
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 41, 51
Decimal	8333619
CIE Lab	30.25, 37.82, 14.26
CIE LCh	30, 40.420, 20.658
Yxy	6.3369, 0.4996, 0.3122
Android (android.graphics.Color)	4286523699 (0xFF7F2933)
YUV	67.8540, -8.3090, 51.8710
Hunter-Lab	25.1732, 27.8686, 8.6229

# Details

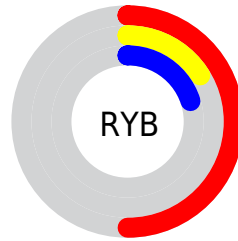
The Hex color **7F2933** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **297F75**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **B85C61**, and **490005** is the 20% darker color. If you saturate the color by 10%, you get **7F1C28**, and if you desaturate by 10%, it is **7F363E**.

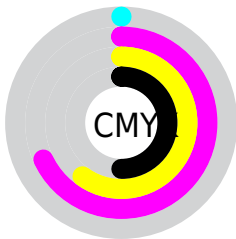
# Distribution



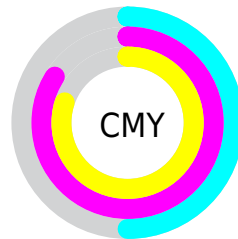
- Red (50%)
- Green (16%)
- Blue (20%)



- Red (50%)
- Yellow (16%)
- Blue (20%)



- Cyan (0%)
- Magenta (68%)
- Yellow (60%)
- Black (50%)



- Cyan (50%)
- Magenta (84%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F2933 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 7F2933 by changing the saturation by 10% instead.



 7F2933

 7F2933

FFFFFF

 630D1E

 B85C61

 490005

 D5757A

 310002

 F39094

 000000

 FFABAE

 FFC7CA

 FFE3E6

 7F2933

 7F2933

 7F1C28

 7F363E

■ 7F101D

■ 7F4249

■ 7F0311

■ 7F4F55

■ 7F000F

■ 7F5C60

■ 7F686B

■ 7F7576

■ 7F8282

■ 7F8F8D

■ 7F9B98

# Harmonies

## Analogous

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



7A2852



7F2933



743516

# Triad

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



7F2933



17521C



004E85

# Complementary

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



7F2933



297F75

# 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.



005477



7F2933



00553C

# Square

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



7F2933



424C01



00565D



324382

# Rectangle

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



7F2933



673E05



00565D



005083



# Sweetspot

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



7F2933



A68588



75297F



544042



D4D4D4



545454



# Same Dimension

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



7F2933



A61F2F



7F4A29



40393A



80000F



000000



# Inverse Universe

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



7F2933



A61F2F



295E7F



40393A



80000F

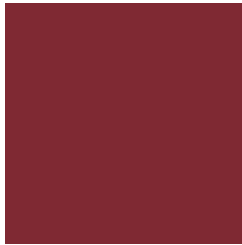


000000



# Previews

## White Background



This preview shows how the Hex color 7F2933 looks on a white background.

## Color Contrast Check

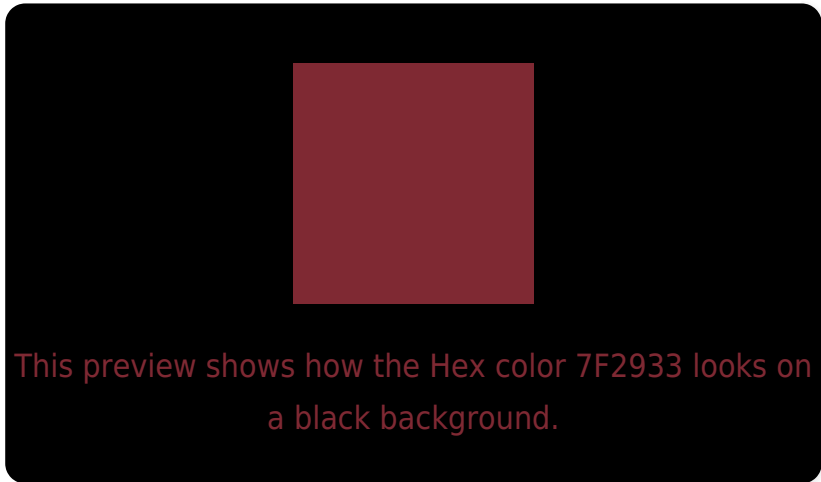
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7F2933 Background



This preview shows how black text looks on a background with the Hex color 7F2933.



This preview shows how white text looks on a background with the Hex color 7F2933.

# 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**  
7F2933

**Protanopia**  
4B4841

**Deuteranopia**  
57452F



# Trichromacy



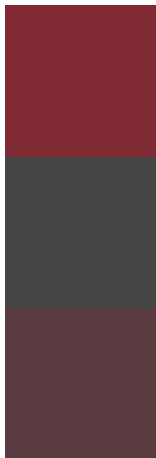
**Original Color**  
7F2933

**Protanomaly**  
5E3D3C

**Deuteranomaly**  
663B30

**Tritanomaly**  
7F2A2F

# Monochromacy



**Original Color**  
7F2933

**Achromatopsia**  
444444

**Achromatomaly**  
593A3E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F2933 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 #7F2933 looks like.

```
.text, #text, p{  
    color:#7F2933  
}
```

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 #7F2933 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F2933
}
```

## Border

The CSS property to change the border of an element to Hex 7F2933 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
#7F2933 }
```

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

```
.border{ border-color:#7F2933 }
```

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

Here you see how a box with a 4 pixel #7F2933 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F2933; -webkit-box-shadow:4px 4px  
4px 4px #7F2933; box-shadow:4px 4px 4px  
4px #7F2933 }
```

# Background

The CSS property to change the background color of an element to Hex 7F2933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F2933 }
```

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

```
.background{ background-color:#7F2933 }
```

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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