

Converting Colors

Hex(7F3253)

Have a look what the booklet for
Hex(7F3253) contains.

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Color

Hex(7F3253)

Conversions

Conversions Part 1

Format	Color
Hex	7F3253
RGB	127, 50, 83
RGB Percent	50%, 20%, 33%
CMY	0.5020, 0.8039, 0.6745
CMYK	0.00, 0.61, 0.35, 0.50
HSL	334°, 44%, 35%
HSV	334°, 61%, 50%
XYZ	11.4543, 7.4178, 9.0117
YIQ	76.7850, 35.2990, 26.5870

Conversions

Conversions Part 2

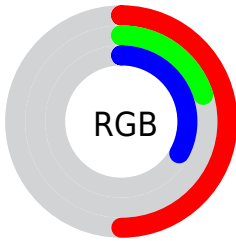
Format	Color
R_{YB}	127, 50, 83
Decimal	8335955
CIE _{Lab}	32.74, 36.89, -3.13
CIE _{LCh}	33, 37.019, 355.157
Yxy	7.4178, 0.4108, 0.2660
Android (android.graphics.Color)	4286526035 (0xFF7F3253)
YUV	76.7850, 3.0640, 44.0386
Hunter-Lab	27.2356, 27.4086, -0.5529

Details

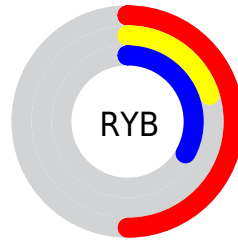
The Hex color **7F3253** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **327F5E**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **B66484**, and **4A0026** is the 20% darker color. If you saturate the color by 10%, you get **7F254C**, and if you desaturate by 10%, it is **7F3F5A**.

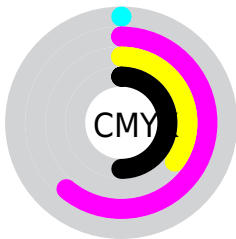
Distribution



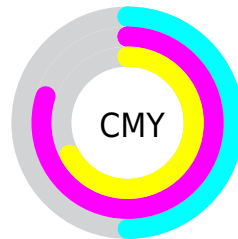
- Red (50%)
- Green (20%)
- Blue (33%)



- Red (50%)
- Yellow (20%)
- Blue (33%)



- Cyan (0%)
- Magenta (61%)
- Yellow (35%)
- Black (50%)



- Cyan (50%)
- Magenta (80%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F3253 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 7F3253 by changing the saturation by 10% instead.

 7F3253

 7F3253

FFFFFF

 64183C

 B66484

 4A0026

 D37E9E

 330012

 F099B9

 0E0000

 FFB4D5

 000000

 FFD0F1

 FFEDFF

 7F3253

 7F3253

 7F254C

 7F3F5A

7F1944

7F4B62

7F0C3D

7F5869

7F0036

7F6570

7F7277

7F7E7F

7F8B86

7F988D

7FA494

Harmonies

Analogous

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



6C3B6F



7F3253



813436

Triad

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



7F3253



445313



00587C

Complementary

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



7F3253



327F5E

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.



005B65



7F3253



1D582A

Square

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



7F3253



604A0D



005B47



005287

Rectangle

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



7F3253



7B3B25



005B47



005976

Sweetspot

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



7F3253



A68895



5E327F



54424A



D4D4D4



545454

Same Dimension

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



7F3253



A62D61



7F3732



40393C



800037



000000

Inverse Universe

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



7F3253



A62D61



327A7F



40393C



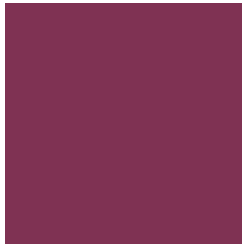
800037



000000

Previews

White Background



This preview shows how the Hex color 7F3253 looks on a white background.

Color Contrast Check

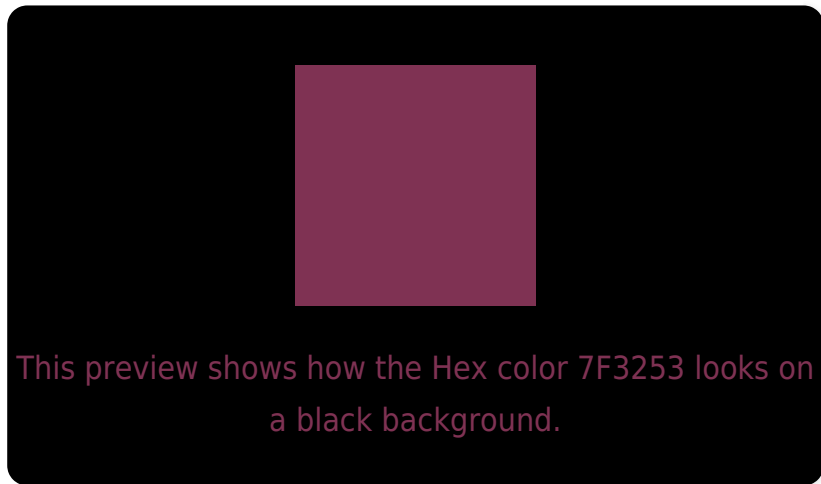
Large Text (above 18pt) WCAG AA ✓ Pass

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

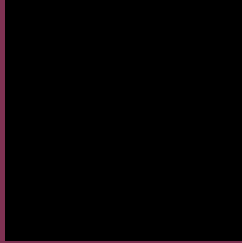
Any Text WCAG AA × Fail

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 7F3253 Background



This preview shows how black text looks on a background with the Hex color 7F3253.



This preview shows how white text looks on a background with the Hex color 7F3253.

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
7F3253

Protanopia
484D64

Deuteranopia
554B4F



Tritanopia
7D373B

Trichromacy



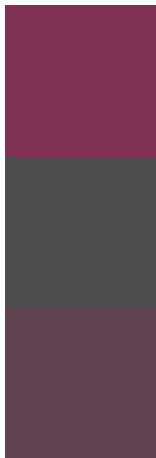
Original Color
7F3253

Protanomaly
5C435E

Deuteranomaly
644250

Tritanomaly
7E3544

Monochromacy



Original Color
7F3253

Achromatopsia
4D4D4D

Achromatomaly
5F434F

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F3253 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 #7F3253 looks like.

```
.text, #text, p{  
    color:#7F3253  
}
```

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 #7F3253 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F3253
}
```

Border

The CSS property to change the border of an element to Hex 7F3253 is called "border". The border property can be set on classes, ids or directly on the HTML element.

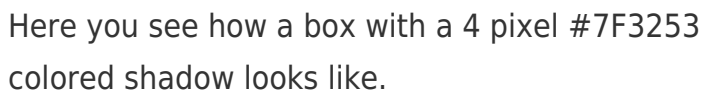
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7F3253 }
```

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

```
.border{ border-color:#7F3253 }
```

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



Here you see how a box with a 4 pixel #7F3253 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F3253; -webkit-box-shadow:4px 4px  
4px 4px #7F3253; box-shadow:4px 4px 4px  
4px #7F3253 }
```

Background

The CSS property to change the background color of an element to Hex 7F3253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F3253 }
```

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

```
.background{ background-color:#7F3253 }
```

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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