

Converting Colors

Hex(3F8253)

Have a look what the booklet for
Hex(3F8253) contains.

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Color

Hex(3F8253)

Conversions

Conversions Part 1

Format	Color
Hex	3F8253
RGB	63, 130, 83
RGB Percent	25%, 51%, 33%
CMY	0.7529, 0.4902, 0.6745
CMYK	0.52, 0.00, 0.36, 0.49
HSL	138°, 35%, 38%
HSV	138°, 52%, 51%
XYZ	11.5939, 17.6466, 10.9787
YIQ	104.6090, -24.8450, -28.8210

Conversions

Conversions Part 2

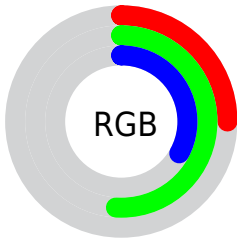
Format	Color
RYB	63, 115, 130
Decimal	4162131
CIELab	49.06, -32.48, 19.09
CIElCh	49, 37.676, 149.552
Yxy	17.6466, 0.2883, 0.4388
Android (android.graphics.Color)	4282352211 (0xFF3F8253)
YUV	104.6090, -10.6532, -36.4911
Hunter-Lab	42.0078, -24.2489, 13.9101

Details

The Hex color **3F8253** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **823F6E**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **73B885**, and **025025** is the 20% darker color. If you saturate the color by 10%, you get **32824A**, and if you desaturate by 10%, it is **4C825C**.

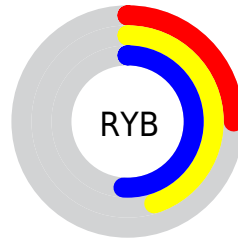
Distribution



Red (25%)

Green (51%)

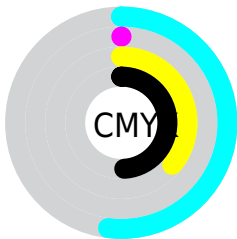
Blue (33%)



Red (25%)

Yellow (45%)

Blue (51%)

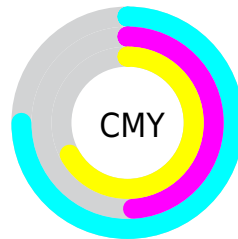


Cyan (52%)

Magenta (0%)

Yellow (36%)

Black (49%)



Cyan (75%)

Magenta (49%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F8253 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 3F8253 by changing the saturation by 10% instead.



3F8253



3F8253

FFFFFF



24683C



73B885



025025



8ED39F



003810



AAF0BA



002400



C6FFD6



000000



E2FFF2



3F8253



3F8253



32824A



4C825C



258241



598265

■ 188238

■ 66826E

■ 0B822F

■ 738277

■ 008227

■ 808281

■ 8D828A

■ 9A8293

■ A7829C

■ B482A5

Harmonies

Analogous

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



687C3B



3F8253



008573

Triad

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



3F8253



3A78B4



AF5D57

Complementary

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



3F8253



823F6E

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.



AE5A76



3F8253



766CAC

Square

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



3F8253



0080AB



9C6095



A1673E

Rectangle

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



3F8253



008589



9C6095



B15B61

Sweetspot

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



3F8253



8FA897



6F823F



45544A



D4D4D4



545454

Same Dimension

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



3F8253



40A85F



3F8273



39403B



008026



000000

Inverse Universe

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



823F6E



A84089



823F4E



40393E



800059



000000

Previews

White Background



This preview shows how the Hex color 3F8253 looks on a white background.

Color Contrast Check

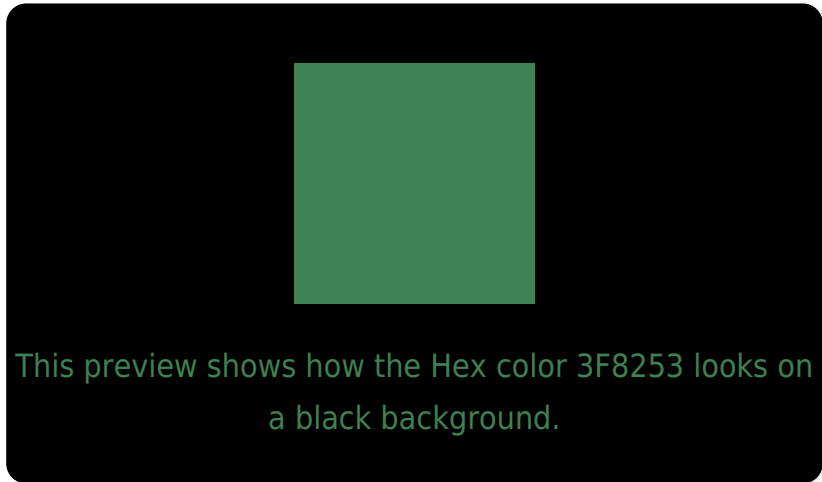
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

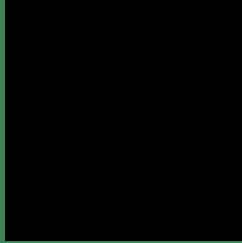
Any Text WCAG AA ✓ Pass

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 3F8253 Background



This preview shows how black text looks on a background with the Hex color 3F8253.



This preview shows how white text looks on a background with the Hex color 3F8253.

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
3F8253

Protanopia
7E744D

Deuteranopia
896F57



Tritanopia
4C7C86

Trichromacy



Original Color
3F8253

Protanomaly
67794F

Deuteranomaly
6E7656

Tritanomaly
477E73

Monochromacy



Original Color
3F8253

Achromatopsia
696969

Achromatomaly
5A7261

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F8253 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 #3F8253 looks like.

```
.text, #text, p{  
    color:#3F8253  
}
```

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 #3F8253 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F8253
}
```

Border

The CSS property to change the border of an element to Hex 3F8253 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
#3F8253 }
```

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

```
.border{ border-color:#3F8253 }
```

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

Here you see how a box with a 4 pixel #3F8253 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F8253; -webkit-box-shadow:4px 4px  
4px 4px #3F8253; box-shadow:4px 4px 4px  
4px #3F8253 }
```

Background

The CSS property to change the background color of an element to Hex 3F8253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F8253 }
```

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

```
.background{ background-color:#3F8253 }
```

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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