

Converting Colors

Hex(3F7266)

Have a look what the booklet for
Hex(3F7266) contains.

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Color

Hex(3F7266)

Conversions

Conversions Part 1

Format	Color
Hex	3F7266
RGB	63, 114, 102
RGB Percent	25%, 45%, 40%
CMY	0.7529, 0.5529, 0.6000
CMYK	0.45, 0.00, 0.11, 0.55
HSL	166°, 29%, 35%
HSV	166°, 45%, 45%
XYZ	10.4655, 14.0507, 14.7308
YIQ	97.3830, -26.5440, -14.5440

Conversions

Conversions Part 2

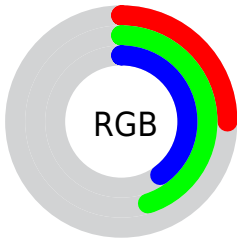
Format	Color
RYB	63, 92, 114
Decimal	4158054
CIELab	44.31, -20.29, 1.30
CIELCh	44, 20.330, 176.325
Yxy	14.0507, 0.2667, 0.3580
Android (android.graphics.Color)	4282348134 (0xFF3F7266)
YUV	97.3830, 2.2762, -30.1539
Hunter-Lab	37.4843, -15.7608, 2.9388

Details

The Hex color **3F7266** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **723F4B**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **72A699**, and **0A4237** is the 20% darker color. If you saturate the color by 10%, you get **347263**, and if you desaturate by 10%, it is **4A7269**.

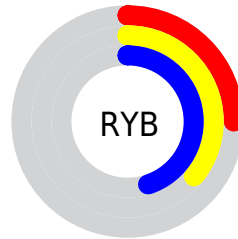
Distribution



Red (25%)

Green (45%)

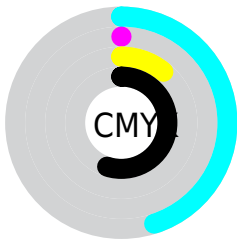
Blue (40%)



Red (25%)

Yellow (36%)

Blue (45%)

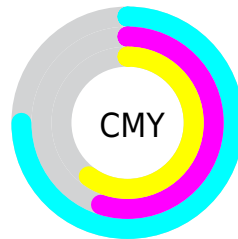


Cyan (45%)

Magenta (0%)

Yellow (11%)

Black (55%)



Cyan (75%)

Magenta (55%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F7266 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 3F7266 by changing the saturation by 10% instead.



3F7266



3F7266

FFFFFF



26594E



72A699



0A4237



8CC1B4



002B22



A7DDCF



00180C



C3FAEB



000000



DFFFFF



FCFFFF



3F7266



3F7266



347263



4A7269

■ 287261

■ 56726B

■ 1D725E

■ 61726E

■ 11725B

■ 6D7271

■ 067259

■ 787273

■ 007257

■ 837276

■ 8F7279

■ 9A727B

■ A6727E

Harmonies

Analogous

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



527056



3F7266



347277

Triad

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



3F7266



686587



84614D

Complementary

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



3F7266



723F4B

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.



8B5D5B



3F7266



7C607C

Square

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



3F7266



506B8A



885C6C



776747

Rectangle

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



3F7266



367081



885C6C



876051

Sweetspot

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



3F7266



81948F



4C723F



3E4A47



C9C9C9



4A4A4A

Same Dimension

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



3F7266



449481



3F6572



323837



00785C



00F7BD

Inverse Universe

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



723F4B



944457



724C3F



383234



78001C



F7003A

Previews

White Background



This preview shows how the Hex color 3F7266 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

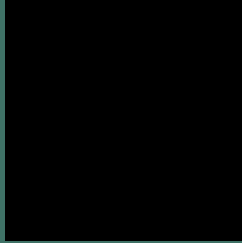
Any Text WCAG AA × Fail

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 3F7266 Background



This preview shows how black text looks on a background with the Hex color 3F7266.

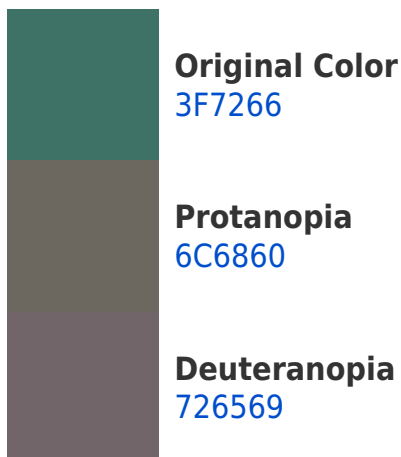


This preview shows how white text looks on a background with the Hex color 3F7266.

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
446F78

Trichromacy



Original Color
3F7266

Protanomaly
5C6C62

Deuteranomaly
5F6A68

Tritanomaly
427071

Monochromacy



Original Color
3F7266

Achromatopsia
616161

Achromatomaly
556763

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F7266 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 #3F7266 looks like.

```
.text, #text, p{  
    color:#3F7266  
}
```

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 #3F7266 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F7266
}
```

Border

The CSS property to change the border of an element to Hex 3F7266 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".

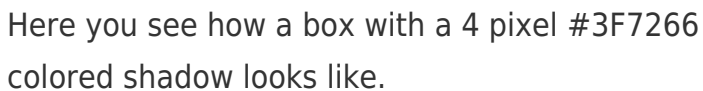
```
.border, #border, table{ border:4px solid
#3F7266 }
```

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

```
.border{ border-color:#3F7266 }
```

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

Here you see how a box with a 4 pixel #3F7266 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F7266; -webkit-box-shadow:4px 4px  
4px 4px #3F7266; box-shadow:4px 4px 4px  
4px #3F7266 }
```

Background

The CSS property to change the background color of an element to Hex 3F7266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F7266 }
```

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

```
.background{ background-color:#3F7266 }
```

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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