

Converting Colors

Hex(386F4B)

Have a look what the booklet for
Hex(386F4B) contains.

Hex(386F4B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(386F4B)

Conversions

Conversions Part 1

Format	Color
Hex	386F4B
RGB	56, 111, 75
RGB Percent	22%, 44%, 29%
CMY	0.7804, 0.5647, 0.7059
CMYK	0.50, 0.00, 0.32, 0.56
HSL	141°, 33%, 33%
HSV	141°, 50%, 44%
XYZ	8.5853, 12.7176, 8.6589
YIQ	90.4510, -21.2240, -22.8560

Conversions

Conversions Part 2

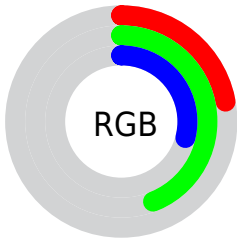
Format	Color
RYB	56, 97, 111
Decimal	3698507
CIELab	42.33, -27.10, 14.57
CIElCh	42, 30.770, 151.736
Yxy	12.7176, 0.2865, 0.4245
Android (android.graphics.Color)	4281888587 (0xFF386F4B)
YUV	90.4510, -7.6173, -30.2135
Hunter-Lab	35.6618, -19.4355, 10.5673

Details

The Hex color **386F4B** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6F385C**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **6BA37C**, and **013F1F** is the 20% darker color. If you saturate the color by 10%, you get **2D6F44**, and if you desaturate by 10%, it is **436F52**.

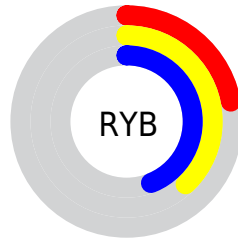
Distribution



Red (22%)

Green (44%)

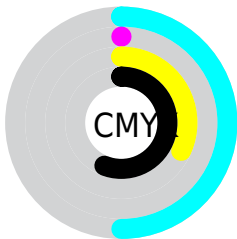
Blue (29%)



Red (22%)

Yellow (38%)

Blue (44%)

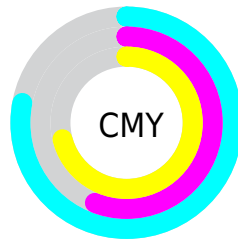


Cyan (50%)

Magenta (0%)

Yellow (32%)

Black (56%)



Cyan (78%)

Magenta (56%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 386F4B 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 386F4B by changing the saturation by 10% instead.

 386F4B

 386F4B

FFFFFF

 1F5634

 6BA37C

 013F1F

 85BE96

 002808

 A0DAB1

 000F00

 BBF7CC

 000000

 D7FFE8

 F4FFFF

 386F4B

 386F4B

 2D6F44

 436F52

■ 226F3C

■ 4E6F5A

■ 176F35

■ 596F61

■ 0C6F2E

■ 646F68

■ 016F27

■ 706F6F

■ 006F26

■ 7B6F77

■ 866F7E

■ 916F85

■ 9C6F8C

Harmonies

Analogous

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



586A37



386F4B



007165

Triad

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



386F4B



3D6696



93524B

Complementary

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



386F4B



6F385C

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.



934F63



386F4B



685D8F

Square

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



386F4B



006D90



85547C



875A38

Rectangle

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



386F4B



007176



85547C



945052

Sweetspot

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



386F4B



7C9183



5D6F38



3D4A41



C9C9C9



4A4A4A

Same Dimension

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



386F4B



3C9159



386F66



323834



007829



00F755

Inverse Universe

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



6F385C



913C74



6F3841



383236



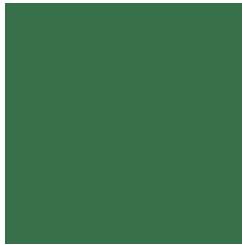
78004E



F700A2

Previews

White Background



This preview shows how the Hex color 386F4B looks on a white background.

Color Contrast Check

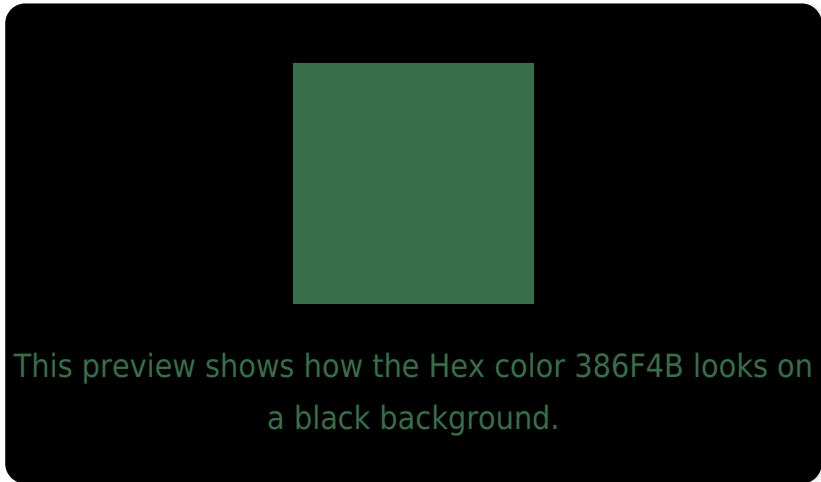
Large Text (above 18pt) WCAG AA ✓ Pass

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

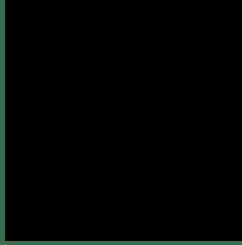
Any Text WCAG AA × Fail

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 386F4B Background



This preview shows how black text looks on a background with the Hex color 386F4B.



This preview shows how white text looks on a background with the Hex color 386F4B.

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
386F4B

Protanopia
6B6346

Deuteranopia
745F4E



Tritanopia
426A73

Trichromacy



Original Color
386F4B

Protanomaly
586748

Deuteranomaly
5E654D

Tritanomaly
3E6C64

Monochromacy



Original Color
386F4B

Achromatopsia
5A5A5A

Achromatomaly
4E6255

CSS Examples

Text

The CSS property to change the color of the text to Hex 386F4B 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 #386F4B looks like.

```
.text, #text, p{  
    color:#386F4B  
}
```

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 #386F4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #386F4B
}
```

Border

The CSS property to change the border of an element to Hex 386F4B 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
#386F4B }
```

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

```
.border{ border-color:#386F4B }
```

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

Here you see how a box with a 4 pixel #386F4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #386F4B; -webkit-box-shadow:4px 4px  
4px 4px #386F4B; box-shadow:4px 4px 4px  
4px #386F4B }
```

Background

The CSS property to change the background color of an element to Hex 386F4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#386F4B }
```

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

```
.background{ background-color:#386F4B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor