

Converting Colors

Hex(386A2F)

Have a look what the booklet for
Hex(386A2F) contains.

Hex(386A2F)	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(386A2F)

Conversions

Conversions Part 1

Format	Color
Hex	386A2F
RGB	56, 106, 47
RGB Percent	22%, 42%, 18%
CMY	0.7804, 0.5843, 0.8157
CMYK	0.47, 0.00, 0.56, 0.58
HSL	111°, 39%, 30%
HSV	111°, 56%, 42%
XYZ	7.2980, 11.3541, 4.4962
YIQ	84.3240, -10.8610, -28.9490

Conversions

Conversions Part 2

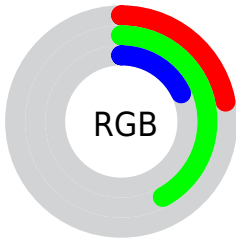
Format	Color
RYB	47, 106, 97
Decimal	3697199
CIELab	40.17, -29.60, 27.72
CIElCh	40, 40.550, 136.880
Yxy	11.3541, 0.3153, 0.4905
Android (android.graphics.Color)	4281887279 (0xFF386A2F)
YUV	84.3240, -18.4007, -24.8401
Hunter-Lab	33.6958, -20.3071, 15.6756

Details

The Hex color **386A2F** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **612F6A**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **6B9E5F**, and **023A00** is the 20% darker color. If you saturate the color by 10%, you get **2F6A24**, and if you desaturate by 10%, it is **416A3A**.

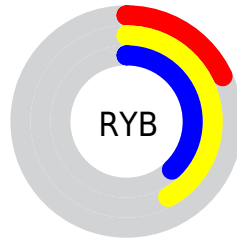
Distribution



Red (22%)

Green (42%)

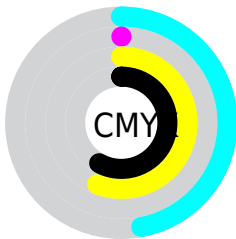
Blue (18%)



Red (18%)

Yellow (42%)

Blue (38%)

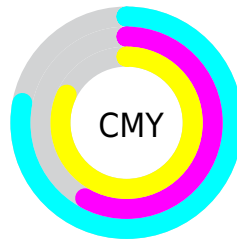


Cyan (47%)

Magenta (0%)

Yellow (56%)

Black (58%)



Cyan (78%)

Magenta (58%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 386A2F 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 386A2F by changing the saturation by 10% instead.

 386A2F

 386A2F

FFFFFF

 1F5118

 6B9E5F

 023A00

 85B978

 002500

 A0D592

 000100

 BBF1AD

 000000

 D8FFC8

 F4FFE4

 386A2F

 386A2F

 2F6A24

 416A3A

■ 266A1A

■ 4A6A44

■ 1D6A0F

■ 536A4F

■ 146A05

■ 5C6A59

■ 106A00

■ 656A64

■ 6E6A6F

■ 776A79

■ 806A84

■ 896A8E

Harmonies

Analogous

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



5F631A



386A2F



006E4F

Triad

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



386A2F



00669F



9B414D

Complementary

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



386A2F



612F6A

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.



94426F



386A2F



455C9E

Square

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



386A2F



006D8E



784E8C



924B2F

Rectangle

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



386A2F



006F66



784E8C



9B4058

Sweetspot

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



386A2F



768A72



6A602F



394537



C4C4C4



454545

Same Dimension

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



386A2F



3C8A2D



2F6A43



313630



127500



25F500

Inverse Universe

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



612F6A



7C2D8A



6A2F56



353036



630075



CF00F5

Previews

White Background



This preview shows how the Hex color 386A2F looks on a white background.

Color Contrast Check

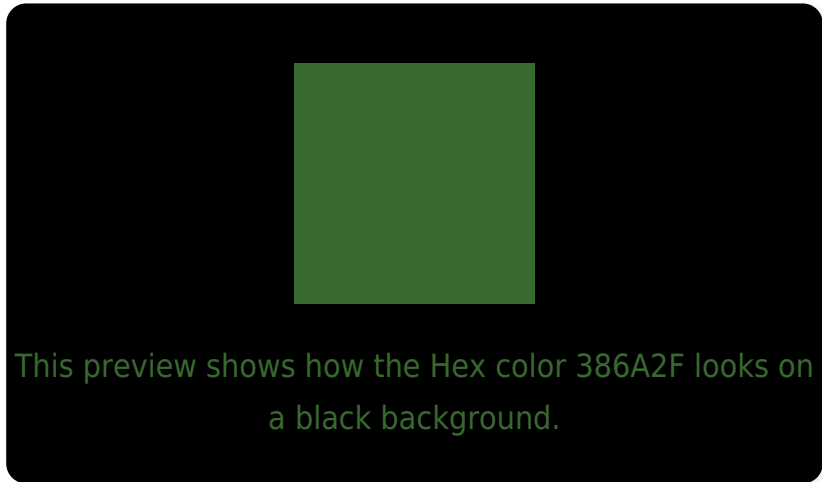
Large Text (above 18pt) WCAG AA ✓ Pass

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

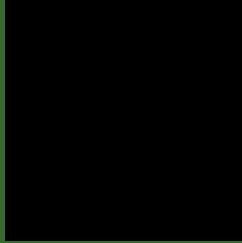
Any Text WCAG AA × Fail

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 386A2F Background



This preview shows how black text looks on a background with the Hex color 386A2F.



This preview shows how white text looks on a background with the Hex color 386A2F.

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
386A2F

Protanopia
695E2B

Deuteranopia
735A33



Tritanopia
44646C

Trichromacy



Original Color
386A2F

Protanomaly
57622C

Deuteranomaly
5E6032

Tritanomaly
406656

Monochromacy



Original Color
386A2F

Achromatopsia
545454

Achromatomaly
4A5C47

CSS Examples

Text

The CSS property to change the color of the text to Hex 386A2F 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 #386A2F looks like.

```
.text, #text, p{  
    color:#386A2F  
}
```

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 #386A2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #386A2F
}
```

Border

The CSS property to change the border of an element to Hex 386A2F 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
#386A2F }
```

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

```
.border{ border-color:#386A2F }
```

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

Here you see how a box with a 4 pixel #386A2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #386A2F; -webkit-box-shadow:4px 4px  
4px 4px #386A2F; box-shadow:4px 4px 4px  
4px #386A2F }
```

Background

The CSS property to change the background color of an element to Hex 386A2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#386A2F }
```

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

```
.background{ background-color:#386A2F }
```

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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