

Converting Colors

Hex(3A6C4D)

Have a look what the booklet for
Hex(3A6C4D) contains.

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Color

Hex(3A6C4D)

Conversions

Conversions Part 1

Format	Color
Hex	3A6C4D
RGB	58, 108, 77
RGB Percent	23%, 42%, 30%
CMY	0.7725, 0.5765, 0.6980
CMYK	0.46, 0.00, 0.29, 0.58
HSL	143°, 30%, 33%
HSV	143°, 46%, 42%
XYZ	8.4470, 12.1605, 8.9232
YIQ	89.5160, -19.8490, -20.2410

Conversions

Conversions Part 2

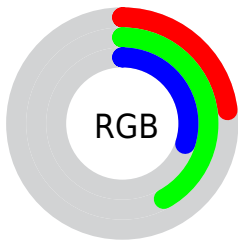
Format	Color
RYB	58, 94, 108
Decimal	3828813
CIELab	41.47, -24.59, 12.21
CIELCh	41, 27.452, 153.583
Yxy	12.1605, 0.2860, 0.4118
Android (android.graphics.Color)	4282018893 (0xFF3A6C4D)
YUV	89.5160, -6.1704, -27.6395
Hunter-Lab	34.8719, -17.7876, 9.2389

Details

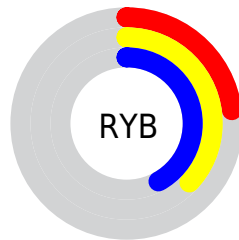
The Hex color **3A6C4D** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6C3A59**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **6CA07E**, and **063C21** is the 20% darker color. If you saturate the color by 10%, you get **2F6C46**, and if you desaturate by 10%, it is **456C54**.

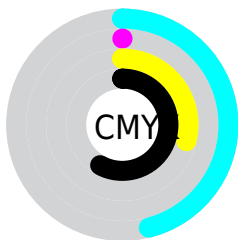
Distribution



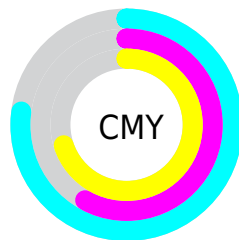
- Red (23%)
- Green (42%)
- Blue (30%)



- Red (23%)
- Yellow (37%)
- Blue (42%)



- Cyan (46%)
- Magenta (0%)
- Yellow (29%)
- Black (58%)



- Cyan (77%)
- Magenta (58%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Hex color 3A6C4D 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 3A6C4D by changing the saturation by 10% instead.

 3A6C4D

 3A6C4D

FFFFFF

 215336

 6CA07E

 063C21

 86BB98

 00260B

 A1D7B3

 000A00

 BCF3CE

 000000

 D9FFEB

 F5FFFF

 3A6C4D

 3A6C4D

 2F6C46

 456C54

■ 246C40

■ 506C5A

■ 1A6C39

■ 5A6C61

■ 0F6C32

■ 656C68

■ 046C2C

■ 706C6E

■ 006C29

■ 7B6C75

■ 866C7C

■ 906C83

■ 9B6C89

Harmonies

Analogous

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



56683B



3A6C4D



146E64

Triad

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



3A6C4D



44638F



8C534A

Complementary

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



3A6C4D



6C3A59

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.



8C5060



3A6C4D



685B87

Square

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



3A6C4D



13698A



805376



81593A

Rectangle

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



3A6C4D



006E73



805376



8D5151

Sweetspot

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



3A6C4D



798C80



5A6C3A



3B4740



C7C7C7



474747

Same Dimension

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



3A6C4D



3E8C5C



3A6C65



303632



00752D



00F55D

Inverse Universe

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



6C3A59



8C3E6E



6C3A41



363034



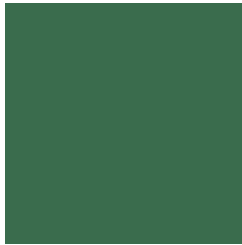
750049



F50098

Previews

White Background



This preview shows how the Hex color 3A6C4D looks on a white background.

Color Contrast Check

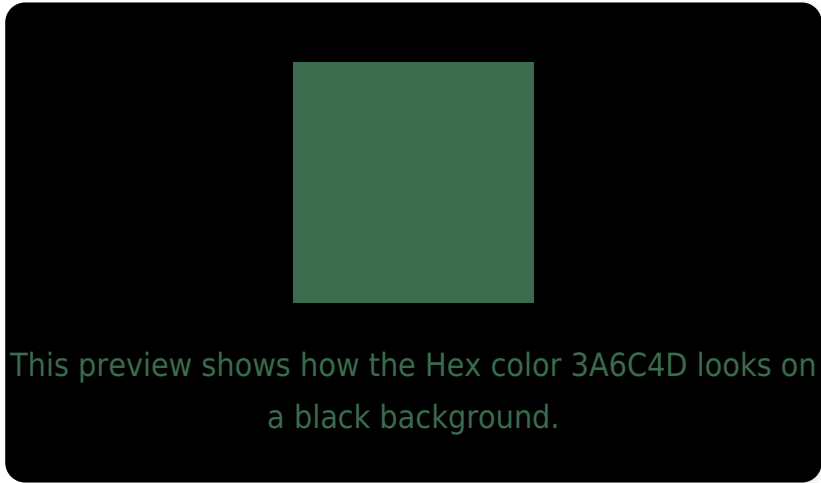
Large Text (above 18pt) WCAG AA ✓ Pass

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

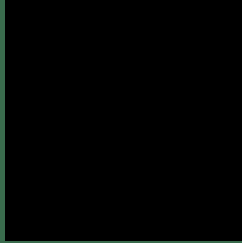
Any Text WCAG AA × Fail

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 3A6C4D Background



This preview shows how black text looks on a background with the Hex color 3A6C4D.



This preview shows how white text looks on a background with the Hex color 3A6C4D.

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
3A6C4D

Protanopia
686148

Deuteranopia
715E50



Tritanopia
426870

Trichromacy



Original Color
3A6C4D

Protanomaly
57654A

Deuteranomaly
5D634F

Tritanomaly
3F6963

Monochromacy



Original Color
3A6C4D

Achromatopsia
5A5A5A

Achromatomaly
4E6155

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A6C4D 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 #3A6C4D looks like.

```
.text, #text, p{  
    color:#3A6C4D  
}
```

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 #3A6C4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A6C4D
}
```

Border

The CSS property to change the border of an element to Hex 3A6C4D 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
#3A6C4D }
```

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

```
.border{ border-color:#3A6C4D }
```

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

Here you see how a box with a 4 pixel #3A6C4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A6C4D; -webkit-box-shadow:4px 4px  
4px 4px #3A6C4D; box-shadow:4px 4px 4px  
4px #3A6C4D }
```

Background

The CSS property to change the background color of an element to Hex 3A6C4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A6C4D }
```

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

```
.background{ background-color:#3A6C4D }
```

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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