

Converting Colors

Hex(3A6C45)

Have a look what the booklet for
Hex(3A6C45) contains.

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Color

Hex(3A6C45)

Conversions

Conversions Part 1

Format	Color
Hex	3A6C45
RGB	58, 108, 69
RGB Percent	23%, 42%, 27%
CMY	0.7725, 0.5765, 0.7294
CMYK	0.46, 0.00, 0.36, 0.58
HSL	133°, 30%, 33%
HSV	133°, 46%, 42%
XYZ	8.1817, 12.0543, 7.5257
YIQ	88.6040, -17.2810, -22.7290

Conversions

Conversions Part 2

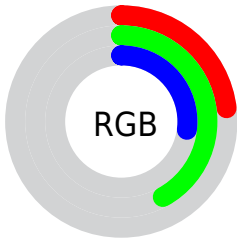
Format	Color
RYB	58, 99, 108
Decimal	3828805
CIELab	41.30, -26.22, 16.72
CIElCh	41, 31.100, 147.480
Yxy	12.0543, 0.2947, 0.4342
Android (android.graphics.Color)	4282018885 (0xFF3A6C45)
YUV	88.6040, -9.6648, -26.8397
Hunter-Lab	34.7194, -18.6951, 11.4519

Details

The Hex color **3A6C45** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6C3A61**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **6CA076**, and **053C19** is the 20% darker color. If you saturate the color by 10%, you get **2F6C3D**, and if you desaturate by 10%, it is **456C4D**.

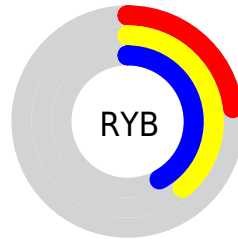
Distribution



Red (23%)

Green (42%)

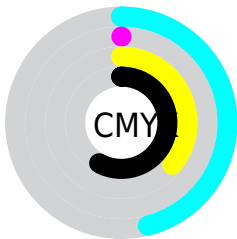
Blue (27%)



Red (23%)

Yellow (39%)

Blue (42%)

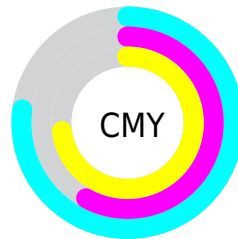


Cyan (46%)

Magenta (0%)

Yellow (36%)

Black (58%)



Cyan (77%)

Magenta (58%)

Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Hex color 3A6C45 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 3A6C45 by changing the saturation by 10% instead.

 3A6C45

 3A6C45

FFFFFF

 21532E

 6CA076

 053C19

 86BB8F

 002600

 A1D7AA

 000900

 BDF3C5

 000000

 D9FFE1

 F5FFFE

 3A6C45

 3A6C45

 2F6C3D

 456C4D

 246C34

 506C56

 1A6C2C

 5A6C5E

 0F6C23

 656C67

 046C1B

 706C6F

 006C18

 7B6C78

 866C80

 906C88

 9B6C91

Harmonies

Analogous

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



596733



3A6C45



006E5E

Triad

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



3A6C45



316594



914E4B

Complementary

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



3A6C45



6C3A61

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.



8F4D65



3A6C45



605C8F

Square

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



3A6C45



006B8C



7F527D



875637

Rectangle

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



3A6C45



006F70



7F527D



924D53

Sweetspot

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



3A6C45



798C7D



616C3A



3B473E



C7C7C7



474747

Same Dimension

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



3A6C45



3E8C4F



3A6C5E



303631



00751A



00F536

Inverse Universe

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



6C3A61



8C3E7B



6C3A48



363034



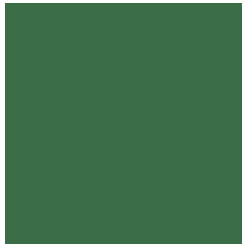
75005B



F500BF

Previews

White Background



This preview shows how the Hex color 3A6C45 looks on a white background.

Color Contrast Check

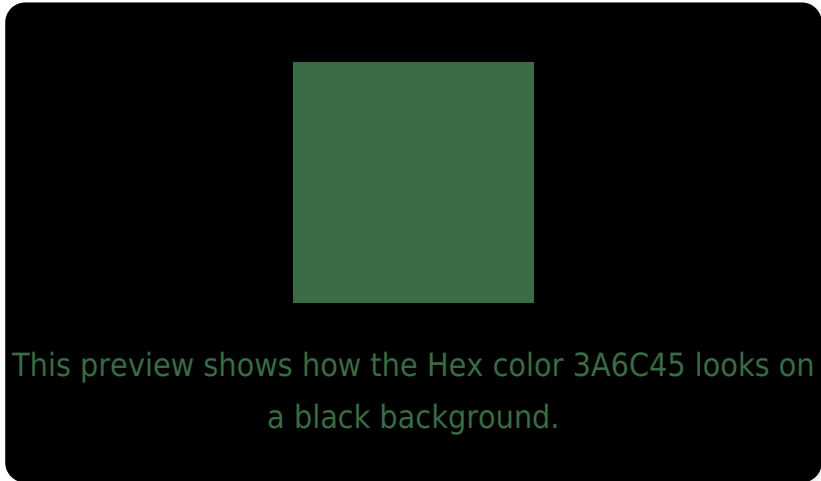
Large Text (above 18pt) WCAG AA ✓ Pass

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 3A6C45 Background



This preview shows how black text looks on a background with the Hex color 3A6C45.



This preview shows how white text looks on a background with the Hex color 3A6C45.

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
3A6C45

Protanopia
696140

Deuteranopia
725D48



Tritanopia
44676F

Trichromacy



Original Color
3A6C45

Protanomaly
586542

Deuteranomaly
5E6247

Tritanomaly
406960

Monochromacy



Original Color
3A6C45

Achromatopsia
595959

Achromatomaly
4E6052

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A6C45 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 #3A6C45 looks like.

```
.text, #text, p{  
    color:#3A6C45  
}
```

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 #3A6C45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A6C45
}
```

Border

The CSS property to change the border of an element to Hex 3A6C45 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".

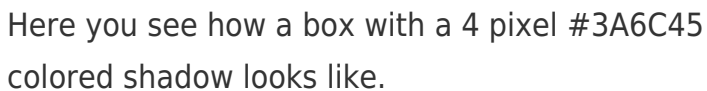
```
.border, #border, table{ border:4px solid
#3A6C45 }
```

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

```
.border{ border-color:#3A6C45 }
```

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

Here you see how a box with a 4 pixel #3A6C45 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A6C45; -webkit-box-shadow:4px 4px  
4px 4px #3A6C45; box-shadow:4px 4px 4px  
4px #3A6C45 }
```

Background

The CSS property to change the background color of an element to Hex 3A6C45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A6C45 }
```

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

```
.background{ background-color:#3A6C45 }
```

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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