

Converting Colors

Hex(3A563F)

Have a look what the booklet for
Hex(3A563F) contains.

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Color

Hex(3A563F)

Conversions

Conversions Part 1

Format	Color
Hex	3A563F
RGB	58, 86, 63
RGB Percent	23%, 34%, 25%
CMY	0.7725, 0.6627, 0.7529
CMYK	0.33, 0.00, 0.27, 0.66
HSL	131°, 19%, 28%
HSV	131°, 33%, 34%
XYZ	5.9699, 7.9140, 5.9155
YIQ	75.0060, -9.3050, -13.0890

Conversions

Conversions Part 2

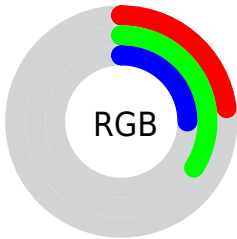
Format	Color
R_{YB}	58, 82, 86
Decimal	3823167
CIE _{Lab}	33.80, -15.92, 10.12
CIE _{LCh}	34, 18.860, 147.553
Yxy	7.9140, 0.3015, 0.3997
Android (android.graphics.Color)	4282013247 (0xFF3A563F)
YUV	75.0060, -5.9190, -14.9143
Hunter-Lab	28.1318, -11.3508, 7.2248

Details

The Hex color **3A563F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **563A51**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **6A886F**, and **0E2915** is the 20% darker color. If you saturate the color by 10%, you get **315638**, and if you desaturate by 10%, it is **435646**.

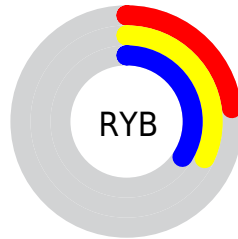
Distribution



Red (23%)

Green (34%)

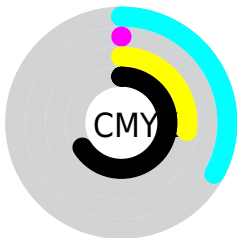
Blue (25%)



Red (23%)

Yellow (32%)

Blue (34%)

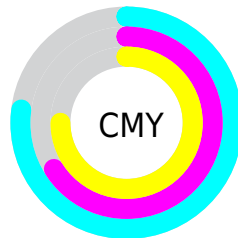


Cyan (33%)

Magenta (0%)

Yellow (27%)

Black (66%)



Cyan (77%)

Magenta (66%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A563F 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 3A563F by changing the saturation by 10% instead.

 3A563F

 3A563F

FFFFFF

 243F29

 6A886F

 0E2915

 84A288

 001600

 9EBDA2

 000000


 B9D9BD

 D5F6D9

 F1FFF6

 3A563F

 3A563F

 315638

 435646

■ 295631

■ 4B564D

■ 20562A

■ 545654

■ 185623

■ 5C565B

■ 0F561C

■ 655662

■ 065615

■ 6E5669

■ 00560F

■ 765670

■ 7F5678

■ 87567F

Harmonies

Analogous

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



4B5335



3A563F



28584E

Triad

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



3A563F



39516D



6D4542

Complementary

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



3A563F



563A51

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.



6B4451



3A563F



504C6A

Square

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



3A563F



245568



614760



674937

Rectangle

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



3A563F



1F5858



614760



6D4447

Sweetspot

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



3A563F



657067



51563A



313833



B8B8B8



383838

Same Dimension

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



3A563F



44704C



3A564D



272B28



006B13



00EB2A

Inverse Universe

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



563A51



704468



563A43



2B272B



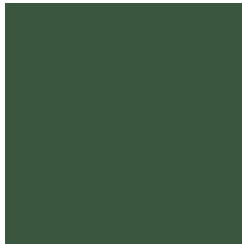
6B0058



EB00C1

Previews

White Background



This preview shows how the Hex color 3A563F looks on a white background.

Color Contrast Check

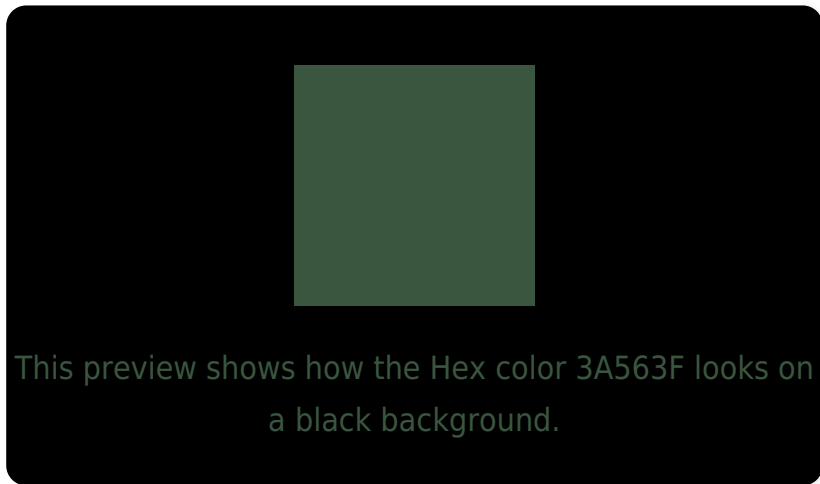
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

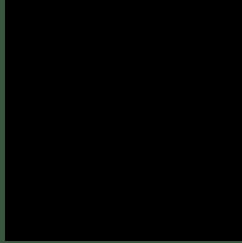
Any Text WCAG AA × Fail

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 3A563F Background



This preview shows how black text looks on a background with the Hex color 3A563F.



This preview shows how white text looks on a background with the Hex color 3A563F.

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](#).

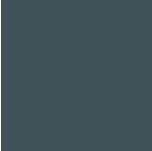
Dichromacy



Original Color
3A563F

Protanopia
554F3C

Deuteranopia
5C4C41



Tritanopia
3F5359

Trichromacy



Original Color
3A563F

Protanomaly
4B523D

Deuteranomaly
505040

Tritanomaly
3D5450

Monochromacy



Original Color
3A563F

Achromatopsia
4B4B4B

Achromatomaly
454F47

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A563F 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 #3A563F looks like.

```
.text, #text, p{  
    color:#3A563F  
}
```

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 #3A563F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A563F
}
```

Border

The CSS property to change the border of an element to Hex 3A563F is called "border". The border property can be set on classes, ids or directly on the HTML element.

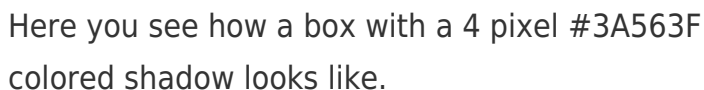
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A563F }
```

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

```
.border{ border-color:#3A563F }
```

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



Here you see how a box with a 4 pixel `#3A563F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A563F; -webkit-box-shadow:4px 4px  
4px 4px #3A563F; box-shadow:4px 4px 4px  
4px #3A563F }
```

Background

The CSS property to change the background color of an element to Hex 3A563F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A563F }
```

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

```
.background{ background-color:#3A563F }
```

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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