

# Converting Colors

Hex(3A5955)

Have a look what the booklet for  
Hex(3A5955) contains.

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# Color

**Hex(3A5955)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3A5955
RGB	58, 89, 85
RGB Percent	23%, 35%, 33%
CMY	0.7725, 0.6510, 0.6667
CMYK	0.35, 0.00, 0.04, 0.65
HSL	172°, 21%, 29%
HSV	172°, 35%, 35%
XYZ	6.9570, 8.7002, 9.9070
YIQ	79.2750, -17.1920, -7.8160

# Conversions

## Conversions Part 2

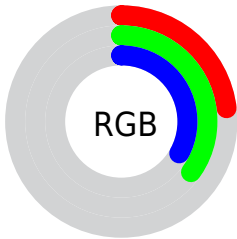
<b>Format</b>	<b>Color</b>
<b>RYB</b>	58, 75, 89
Decimal	3823957
CIELab	35.40, -12.40, -1.33
CIELCh	35, 12.472, 186.136
Yxy	8.7002, 0.2721, 0.3403
Android (android.graphics.Color)	4282014037 (0xFF3A5955)
YUV	79.2750, 2.8224, -18.6582
Hunter-Lab	29.4961, -9.5168, 0.7333

# Details

The Hex color **3A5955** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **593A3E**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **6B8B87**, and **0C2B28** is the 20% darker color. If you saturate the color by 10%, you get **315954**, and if you desaturate by 10%, it is **435956**.

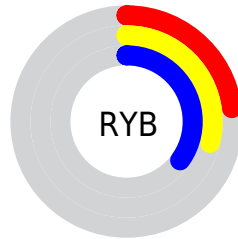
# Distribution



Red (23%)

Green (35%)

Blue (33%)



Red (23%)

Yellow (29%)

Blue (35%)

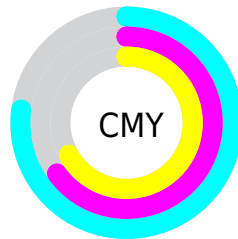


Cyan (35%)

Magenta (0%)

Yellow (4%)

Black (65%)



Cyan (77%)

Magenta (65%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3A5955 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 3A5955 by changing the saturation by 10% instead.





3A5955



3A5955

FFFFFF



23423E



6B8B87



0C2B28



84A5A1



001814



9FC1BC



000000



BADDD7



D6F9F4



F2FFFF



3A5955



3A5955



315954



435956

■ 285953

■ 4C5957

■ 1F5952

■ 555958

■ 165950

■ 5E595A

■ 0E594F

■ 67595B

■ 05594E

■ 6F595C

■ 00594E

■ 78595D

■ 81595E

■ 8A595F

# Harmonies

## Analogous

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



43584B



3A5955



38585F

# Triad

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



3A5955



585063



625041

# Complementary

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



3A5955



593A3E

# 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.



674D48



3A5955



624D5C

# Square

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



3A5955



4A5367



674C52



59533F

# Rectangle

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



3A5955



3B5763



674C52



644F43



# Sweetspot

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



3A5955



677371



3E593A



343B3A



BABABA



3B3B3B



# Same Dimension

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



3A5955



43736D



3A4E59



272B2B



006B5D



00EBCC



# Inverse Universe

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



593A3E



734349



59453A



2B2728



6B000E



EB001E



# Previews

## White Background



This preview shows how the Hex color 3A5955 looks on a white background.

## Color Contrast Check

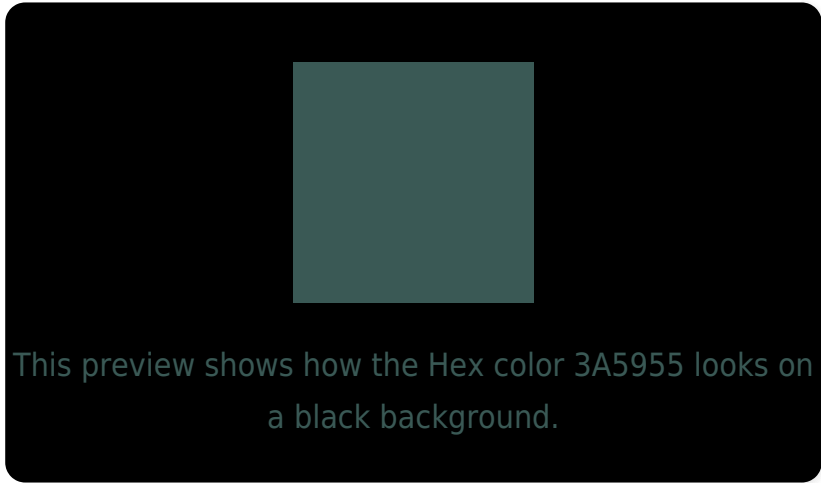
Large Text (above 18pt) WCAG AA ✓ Pass

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

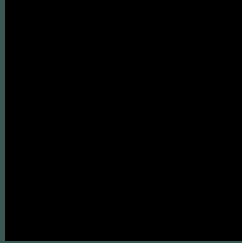
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3A5955 Background



This preview shows how black text looks on a background with the Hex color 3A5955.



This preview shows how white text looks on a background with the Hex color 3A5955.

# 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**  
3A5955

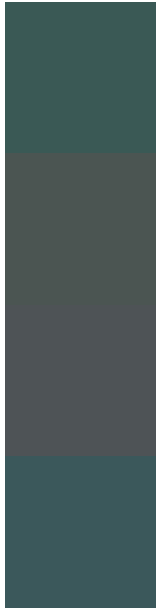
**Protanopia**  
555351

**Deuteranopia**  
595057



**Tritanopia**  
3C585F

# Trichromacy



**Original Color**  
3A5955

**Protanomaly**  
4B5552

**Deuteranomaly**  
4E5356

**Tritanomaly**  
3B585B

# Monochromacy



**Original Color**  
3A5955

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
475351

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3A5955 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 #3A5955 looks like.

```
.text, #text, p{  
    color:#3A5955  
}
```

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 #3A5955 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A5955
}
```

## Border

The CSS property to change the border of an element to Hex 3A5955 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
#3A5955 }
```

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

```
.border{ border-color:#3A5955 }
```

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

Here you see how a box with a 4 pixel #3A5955 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A5955; -webkit-box-shadow:4px 4px  
4px 4px #3A5955; box-shadow:4px 4px 4px  
4px #3A5955 }
```

# Background

The CSS property to change the background color of an element to Hex 3A5955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A5955 }
```

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

```
.background{ background-color:#3A5955 }
```

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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