

Converting Colors

Hex(3A5343)

Have a look what the booklet for
Hex(3A5343) contains.

Hex(3A5343)	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(3A5343)

Conversions

Conversions Part 1	
Format	Color
Hex	3A5343
RGB	58, 83, 67
RGB Percent	23%, 33%, 26%
CMY	0.7725, 0.6745, 0.7373
CMYK	0.30, 0.00, 0.19, 0.67
HSL	142°, 18%, 28%
HSV	142°, 30%, 33%
XYZ	5.8513, 7.4913, 6.4478
YIQ	73.7010, -9.7640, -10.2760

Conversions

Conversions Part 2

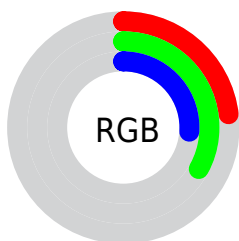
Format	Color
RYB	58, 76, 83
Decimal	3822403
CIELab	32.90, -13.35, 6.36
CIELCh	33, 14.785, 154.542
Yxy	7.4913, 0.2957, 0.3785
Android (android.graphics.Color)	4282012483 (0xFF3A5343)
YUV	73.7010, -3.3036, -13.7698
Hunter-Lab	27.3702, -9.7376, 5.1919

Details

The Hex color **3A5343** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **533A4A**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **6A8573**, and **0E2618** is the 20% darker color. If you saturate the color by 10%, you get **32533E**, and if you desaturate by 10%, it is **425348**.

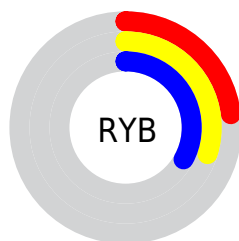
Distribution



Red (23%)

Green (33%)

Blue (26%)



Red (23%)

Yellow (30%)

Blue (33%)

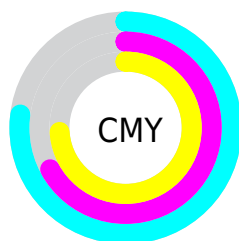


Cyan (30%)

Magenta (0%)

Yellow (19%)

Black (67%)



Cyan (77%)

Magenta (67%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A5343 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 3A5343 by changing the saturation by 10% instead.

 3A5343

 3A5343

FFFFFF

 243C2D

 6A8573

 0E2618

 839F8D

 001200

 9DBAA7

 000000

 B8D5C2

 D4F2DE

 F1FFFB

 3A5343

 3A5343

 32533E

 425348

 295338


 4B534E

 215333

 535353

 19532E

 5B5358

 115328

 63535E

 085323

 6C5363

 00531E

 745368

 7C536D

 855373

Harmonies

Analogous

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



47513A



3A5343



2F544F

Triad

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



3A5343



414E64



644641

Complementary

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



3A5343



533A4A

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.



64454C



3A5343



514A61

Square

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



3A5343



325162



5E4658



5E4939

Rectangle

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



3A5343



2B5457



5E4658



654544

Sweetspot

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



3A5343



616B65



4A533A



303632



B5B5B5



363636

Same Dimension

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



3A5343



456B52



3A534F



252926



006926



00E854

Inverse Universe

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



533A4A



6B455D



533A3E



292527



690043



E80095

Previews

White Background



This preview shows how the Hex color 3A5343 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



This preview shows how the Hex color 3A5343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

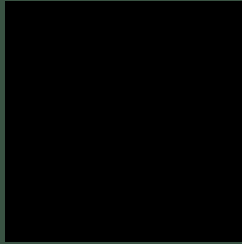
Any Text WCAG AA × Fail

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 3A5343 Background



This preview shows how black text looks on a background with the Hex color 3A5343.

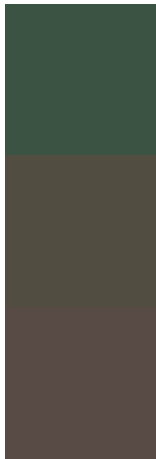


This preview shows how white text looks on a background with the Hex color 3A5343.

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
[3A5343](#)

Protanopia
[514D40](#)



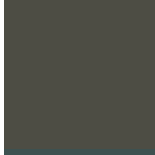

Deuteranopia
[584A45](#)




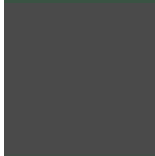
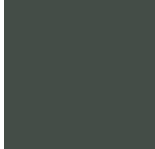
Tritanopia

3E5057

Trichromacy

	Original Color 3A5343
	Protanomaly 494F41
	Deuteranomaly 4D4D44
	Tritanomaly 3D5150

Monochromacy

	Original Color 3A5343
	Achromatopsia 4A4A4A
	Achromatomaly 444D47

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A5343 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 #3A5343 looks like.

```
.text, #text, p{  
    color:#3A5343  
}
```

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 #3A5343 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A5343
}
```

Border

The CSS property to change the border of an element to Hex 3A5343 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
#3A5343 }
```

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

```
.border{ border-color:#3A5343 }
```

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

Here you see how a box with a 4 pixel #3A5343 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A5343; -webkit-box-shadow:4px 4px  
4px 4px #3A5343; box-shadow:4px 4px 4px  
4px #3A5343 }
```

Background

The CSS property to change the background color of an element to Hex 3A5343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A5343 }
```

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

```
.background{ background-color:#3A5343 }
```

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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