

Converting Colors

Hex(3A5757)

Have a look what the booklet for
Hex(3A5757) contains.

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Color

Hex(3A5757)

Conversions

Conversions Part 1

Format	Color
Hex	3A5757
RGB	58, 87, 87
RGB Percent	23%, 34%, 34%
CMY	0.7725, 0.6588, 0.6588
CMYK	0.33, 0.00, 0.00, 0.66
HSL	180°, 20%, 28%
HSV	180°, 33%, 34%
XYZ	6.8734, 8.4041, 10.2767
YIQ	78.3290, -17.2840, -6.1480

Conversions

Conversions Part 2

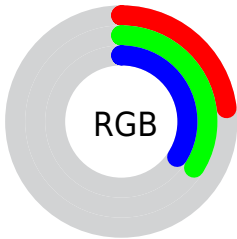
Format	Color
RYB	58, 73, 87
Decimal	3823447
CIELab	34.81, -10.70, -3.46
CIElCh	35, 11.243, 197.900
Yxy	8.4041, 0.2690, 0.3289
Android (android.graphics.Color)	4282013527 (0xFF3A5757)
YUV	78.3290, 4.2748, -17.8285
Hunter-Lab	28.9897, -8.4100, -0.7252

Details

The Hex color **3A5757** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **573A3A**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **6A8989**, and **0C2A2A** is the 20% darker color. If you saturate the color by 10%, you get **315757**, and if you desaturate by 10%, it is **435757**.

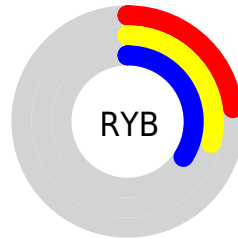
Distribution



 Red (23%)

 Green (34%)

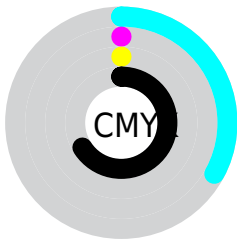
 Blue (34%)



 Red (23%)

 Yellow (29%)

 Blue (34%)

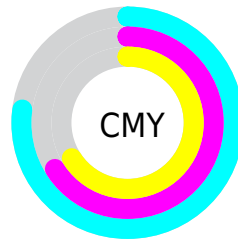


 Cyan (33%)

 Magenta (0%)

 Yellow (0%)

 Black (66%)



 Cyan (77%)

 Magenta (66%)

 Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A5757 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 3A5757 by changing the saturation by 10% instead.

■ 3A5757

■ 3A5757

FFFFFF

■ 234040

■ 6A8989

■ 0C2A2A

■ 84A3A3

■ 001615

■ 9EBEBE

■ 000000

■ BADADA

■ D6F7F6

■ F2FFFF

■ 3A5757

■ 3A5757

■ 315757

■ 435757

■ 295757

■ 4B5757

■ 205757

■ 545757

■ 175757

■ 5D5757

■ 0E5757

■ 665757

■ 065757

■ 6E5757

■ 005757

■ 775757

■ 805757

■ 885757

Harmonies

Analogous

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



40574E



3A5757



3B565F

Triad

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



3A5757



5A4E5E



5C5041

Complementary

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



3A5757



573A3A

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.



634D45



3A5757



624C56

Square

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



3A5757



4F5163



654C4D



535341

Rectangle

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



3A5757



405562



654C4D



5F4F42

Sweetspot

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



3A5757



657070



3A573A



313838



B8B8B8



383838

Same Dimension

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



3A5757



437070



3A4957



272B2B



006B6B



00EBEB

Inverse Universe

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



573A57



704370



57493A



2B272B



6B006B



EB00EB

Previews

White Background



This preview shows how the Hex color 3A5757 looks on a white background.

Color Contrast Check

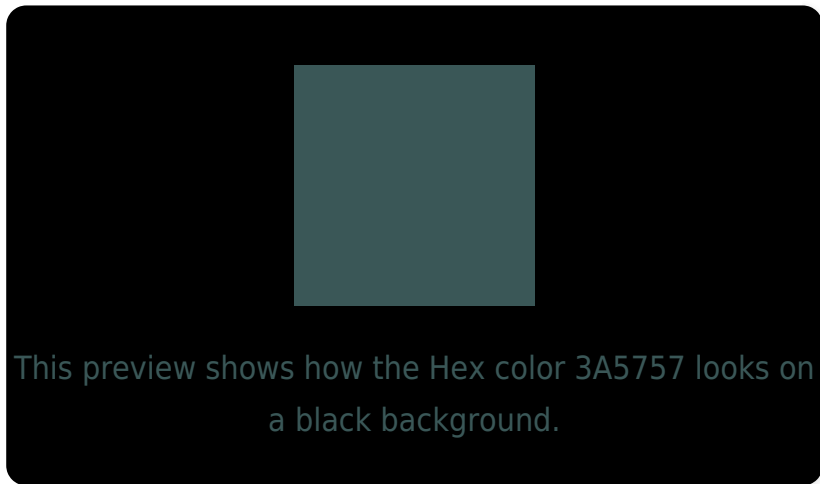
Large Text (above 18pt) WCAG AA ✓ Pass

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

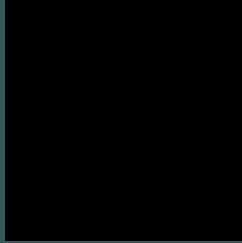
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

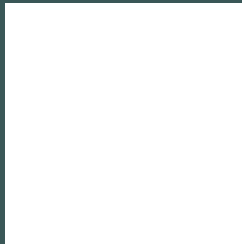
Any Text WCAG AAA × Fail

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

Hex 3A5757 Background



This preview shows how black text looks on a background with the Hex color 3A5757.



This preview shows how white text looks on a background with the Hex color 3A5757.

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
3A5757

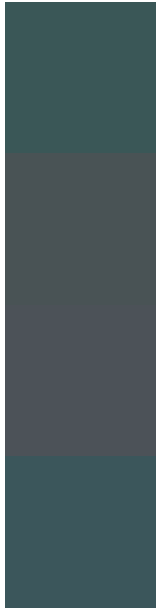
Protanopia
525154

Deuteranopia
564F59



Tritanopia
3B565D

Trichromacy



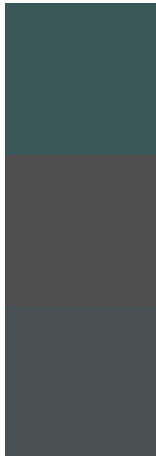
Original Color
3A5757

Protanomaly
495355

Deuteranomaly
4C5258

Tritanomaly
3B565B

Monochromacy



Original Color
3A5757

Achromatopsia
4E4E4E

Achromatomaly
475151

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A5757 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 #3A5757 looks like.

```
.text, #text, p{  
    color:#3A5757  
}
```

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 #3A5757 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A5757
}
```

Border

The CSS property to change the border of an element to Hex 3A5757 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
#3A5757 }
```

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

```
.border{ border-color:#3A5757 }
```

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

Here you see how a box with a 4 pixel #3A5757 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A5757; -webkit-box-shadow:4px 4px  
4px 4px #3A5757; box-shadow:4px 4px 4px  
4px #3A5757 }
```

Background

The CSS property to change the background color of an element to Hex 3A5757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A5757 }
```

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

```
.background{ background-color:#3A5757 }
```

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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