

Converting Colors

Hex(3E5158)

Have a look what the booklet for
Hex(3E5158) contains.

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Color

Hex(3E5158)

Conversions

Conversions Part 1

Format	Color
Hex	3E5158
RGB	62, 81, 88
RGB Percent	24%, 32%, 35%
CMY	0.7569, 0.6824, 0.6549
CMYK	0.30, 0.08, 0.00, 0.65
HSL	196°, 17%, 29%
HSV	196°, 30%, 35%
XYZ	6.6905, 7.6136, 10.3495
YIQ	76.1170, -13.5710, -1.8510

Conversions

Conversions Part 2

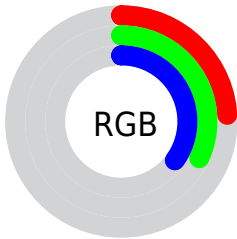
Format	Color
RYB	62, 73, 88
Decimal	4084056
CIELab	33.16, -5.47, -6.51
CIELCh	33, 8.501, 229.953
Yxy	7.6136, 0.2714, 0.3088
Android (android.graphics.Color)	4282274136 (0xFF3E5158)
YUV	76.1170, 5.8583, -12.3806
Hunter-Lab	27.5927, -5.0058, -2.9236

Details

The Hex color **3E5158** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **58453E**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **6E828A**, and **12242B** is the 20% darker color. If you saturate the color by 10%, you get **354F58**, and if you desaturate by 10%, it is **475358**.

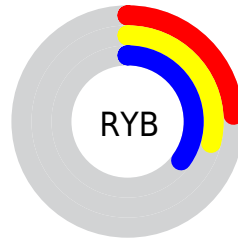
Distribution



 Red (24%)

 Green (32%)

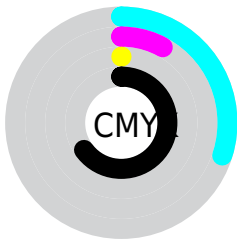
 Blue (35%)



 Red (24%)

 Yellow (29%)

 Blue (35%)

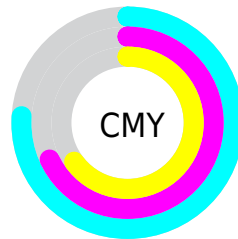


 Cyan (30%)

 Magenta (8%)

 Yellow (0%)

 Black (65%)



 Cyan (76%)

 Magenta (68%)

 Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E5158 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 3E5158 by changing the saturation by 10% instead.



3E5158



3E5158

FFFFFF



273A41



6E828A



12242B



889CA4



001016



A2B7BF



000000



BDD3DB



D9EFF8



F6FFFF



3E5158



3E5158



354F58



475358

■ 2C4C58

■ 505658

■ 244A58

■ 585858

■ 1B4858

■ 615A58

■ 124558

■ 6A5D58

■ 094358

■ 735F58

■ 004058

■ 7C6258

■ 846458

■ 8D6658

Harmonies

Analogous

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



3D5252



3E5158



444F5B

Triad

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



3E5158



5A4A51



4F4F41

Complementary

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



3E5158



58453E

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.



564D41



3E5158



5C4A4A

Square

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



3E5158



554B57



5B4B44



475145

Rectangle

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



3E5158



4A4E5B



5B4B44



514E41

Sweetspot

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



3E5158



687073



3E5845



34393B



BABABA



3B3B3B

Same Dimension

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



3E5158



4B6873



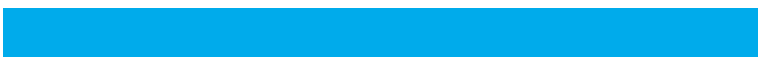
3E4458



272A2B



004E6B



00ABEB

Inverse Universe

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



583E51



734B68



58523E



2B272A



6B004E



EB00AB

Previews

White Background



This preview shows how the Hex color 3E5158 looks on a white background.

Color Contrast Check

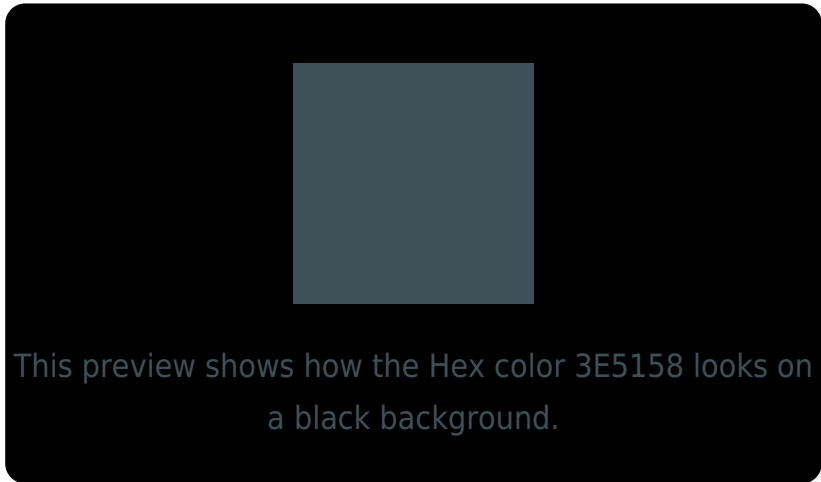
Large Text (above 18pt) WCAG AA ✓ Pass

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

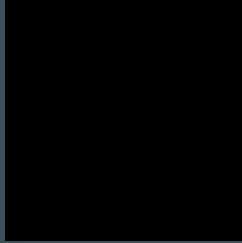
Any Text WCAG AA × Fail

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 3E5158 Background



This preview shows how black text looks on a background with the Hex color 3E5158.



This preview shows how white text looks on a background with the Hex color 3E5158.

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
3E5158

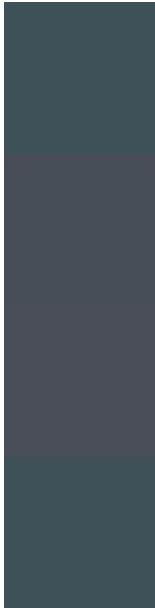
Protanopia
4D4D56

Deuteranopia
504C59



Tritanopia
3E5158

Trichromacy



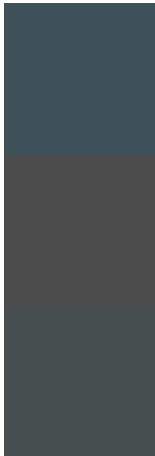
Original Color
3E5158

Protanomaly
484E57

Deuteranomaly
494E59

Tritanomaly
3E5158

Monochromacy



Original Color
3E5158

Achromatopsia
4C4C4C

Achromatomaly
474E50

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E5158 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 #3E5158 looks like.

```
.text, #text, p{  
    color:#3E5158  
}
```

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 #3E5158 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E5158
}
```

Border

The CSS property to change the border of an element to Hex 3E5158 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
#3E5158 }
```

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

```
.border{ border-color:#3E5158 }
```

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

Here you see how a box with a 4 pixel #3E5158 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E5158; -webkit-box-shadow:4px 4px  
4px 4px #3E5158; box-shadow:4px 4px 4px  
4px #3E5158 }
```

Background

The CSS property to change the background color of an element to Hex 3E5158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E5158 }
```

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

```
.background{ background-color:#3E5158 }
```

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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