

Converting Colors

Hex(438C5E)

Have a look what the booklet for
Hex(438C5E) contains.

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Color

Hex(438C5E)

Conversions

Conversions Part 1

Format	Color
Hex	438C5E
RGB	67, 140, 94
RGB Percent	26%, 55%, 37%
CMY	0.7373, 0.4510, 0.6314
CMYK	0.52, 0.00, 0.33, 0.45
HSL	142°, 35%, 41%
HSV	142°, 52%, 55%
XYZ	13.7132, 20.7576, 13.8735
YIQ	112.9290, -28.7420, -29.7820

Conversions

Conversions Part 2

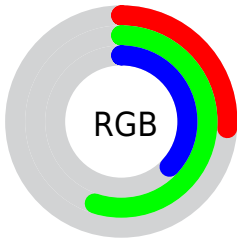
Format	Color
RYB	67, 120, 140
Decimal	4426846
CIELab	52.68, -33.81, 17.78
CIELCh	53, 38.196, 152.259
Yxy	20.7576, 0.2837, 0.4294
Android (android.graphics.Color)	4282616926 (0xFF438C5E)
YUV	112.9290, -9.3320, -40.2797
Hunter-Lab	45.5605, -26.0044, 13.8381

Details

The Hex color **438C5E** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8C4371**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **78C291**, and **04592F** is the 20% darker color. If you saturate the color by 10%, you get **358C55**, and if you desaturate by 10%, it is **518C67**.

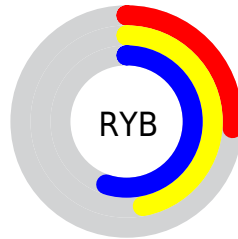
Distribution



Red (26%)

Green (55%)

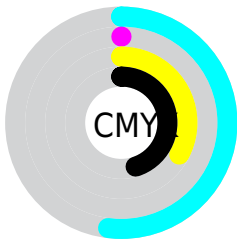
Blue (37%)



Red (26%)

Yellow (47%)

Blue (55%)

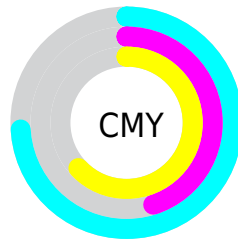


Cyan (52%)

Magenta (0%)

Yellow (33%)

Black (45%)



Cyan (74%)

Magenta (45%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 438C5E 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 438C5E by changing the saturation by 10% instead.

 438C5E

 438C5E

FFFFFF

 287246

 78C291

 04592F

 93DEAB

 00411A

 AFFBC7

 002A01

 CBFFE3

 001100

 E8FFFF

 000000

 438C5E

 438C5E

 358C55

 518C67

 278C4C

 5F8C70

■ 198C44

■ 6D8C78

■ 0B8C3B

■ 7B8C81

■ 008C34

■ 898C8A

■ 978C93

■ A58C9C

■ B38CA5

■ C18CAD

Harmonies

Analogous

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



6D8644



438C5E



008F7F

Triad

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



438C5E



4B80BF



BA665C

Complementary

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



438C5E



8C4371

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.



BA627D



438C5E



8474B5

Square

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



438C5E



0089B7



A8689D



AA7144

Rectangle

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



438C5E



008E95



A8689D



BC6467

Sweetspot

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



438C5E



98B5A3



718C43



4A5C51



DBDBDB



5C5C5C

Same Dimension

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



438C5E



43B56D



438C82



3E4541



008531



000502

Inverse Universe

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



8C4371



B5438B



8C434D



453E42



850054



050003

Previews

White Background



This preview shows how the Hex color 438C5E looks on a white background.

Color Contrast Check

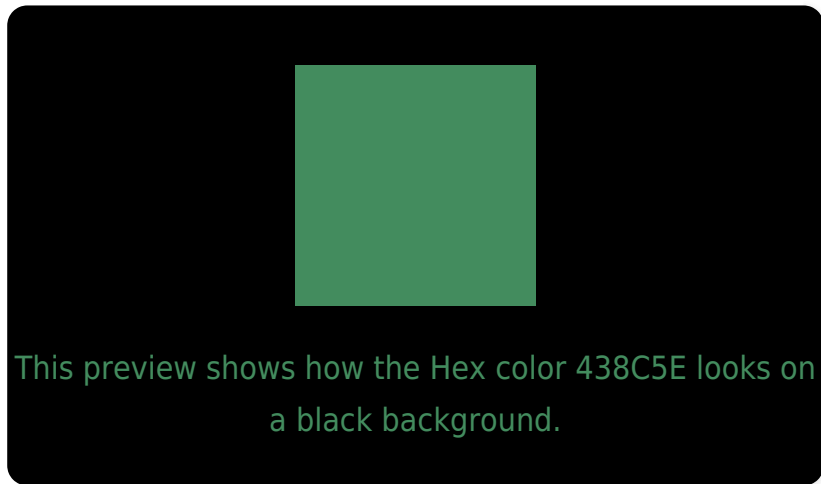
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

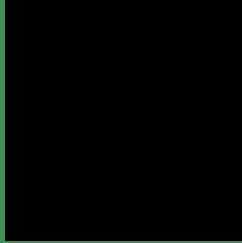
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 438C5E Background



This preview shows how black text looks on a background with the Hex color 438C5E.



This preview shows how white text looks on a background with the Hex color 438C5E.

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](#).

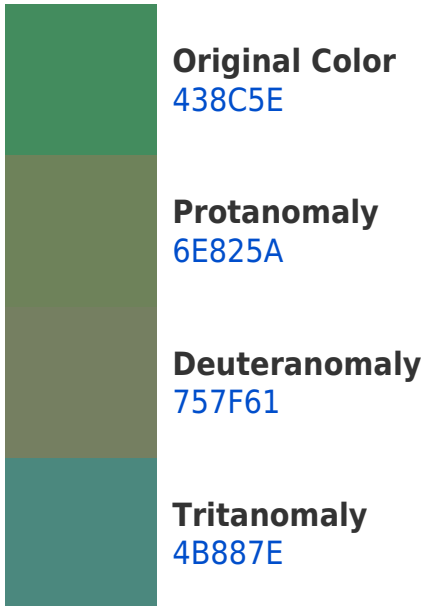
Dichromacy



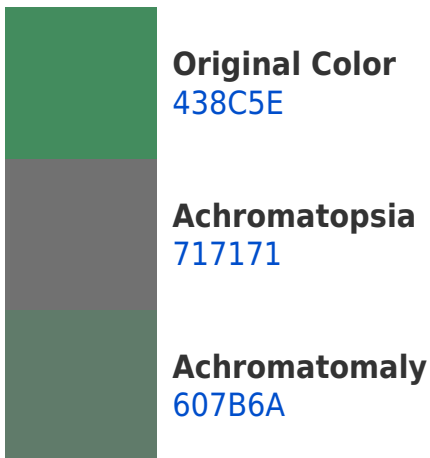


Tritanopia
508690

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 438C5E 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 #438C5E looks like.

```
.text, #text, p{  
    color:#438C5E  
}
```

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 #438C5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #438C5E
}
```

Border

The CSS property to change the border of an element to Hex 438C5E 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
#438C5E }
```

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

```
.border{ border-color:#438C5E }
```

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

Here you see how a box with a 4 pixel #438C5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #438C5E; -webkit-box-shadow:4px 4px  
4px 4px #438C5E; box-shadow:4px 4px 4px  
4px #438C5E }
```

Background

The CSS property to change the background color of an element to Hex 438C5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#438C5E }
```

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

```
.background{ background-color:#438C5E }
```

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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