

Converting Colors

Hex(438D62)

Have a look what the booklet for
Hex(438D62) contains.

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Color

Hex(438D62)

Conversions

Conversions Part 1

Format	Color
Hex	438D62
RGB	67, 141, 98
RGB Percent	26%, 55%, 38%
CMY	0.7373, 0.4471, 0.6157
CMYK	0.52, 0.00, 0.30, 0.45
HSL	145°, 36%, 41%
HSV	145°, 52%, 55%
XYZ	14.0442, 21.1249, 14.8926
YIQ	113.9720, -30.3010, -29.0610

Conversions

Conversions Part 2

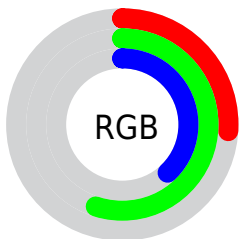
Format	Color
RYB	67, 119, 141
Decimal	4427106
CIELab	53.09, -33.45, 16.07
CIElCh	53, 37.107, 154.342
Yxy	21.1249, 0.2805, 0.4220
Android (android.graphics.Color)	4282617186 (0xFF438D62)
YUV	113.9720, -7.8742, -41.1944
Hunter-Lab	45.9618, -25.8902, 12.9621

Details

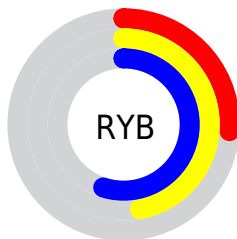
The Hex color **438D62** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8D436E**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **78C395**, and **035A33** is the 20% darker color. If you saturate the color by 10%, you get **358D5A**, and if you desaturate by 10%, it is **518D6A**.

Distribution



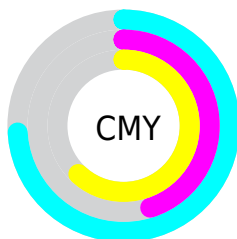
- Red (26%)
- Green (55%)
- Blue (38%)



- Red (26%)
- Yellow (47%)
- Blue (55%)



- Cyan (52%)
- Magenta (0%)
- Yellow (30%)
- Black (45%)



- Cyan (74%)
- Magenta (45%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 438D62 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 438D62 by changing the saturation by 10% instead.

 438D62

 438D62

FFFFFF

 28734A

 78C395

 035A33

 93DFB0

 00421E

 AFFCCB

 002B06

 CBFFE7

 001300

 E8FFFF

 000000

 438D62

 438D62

 358D5A

 518D6A

 278D52

 5F8D72

■ 198D49

■ 6D8D7B

■ 0B8D41

■ 7B8D83

■ 008D3B

■ 8A8D8B

■ 988D93

■ A68D9B

■ B48DA4

■ C28DAC

Harmonies

Analogous

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



6C8748



438D62



008F83

Triad

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



438D62



5380BE



B9695C

Complementary

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



438D62



8D436E

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.



BA647B



438D62



8875B4

Square

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



438D62



0089B8



AA699B



A97346

Rectangle

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



438D62



008F98



AA699B



BB6666

Sweetspot

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



438D62



9AB8A7



6E8D43



4A5C52



DBDBDB



5C5C5C

Same Dimension

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



438D62



44B874



438D87



404743



008739



000803

Inverse Universe

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



8D436E



B84487



8D4349



474044



87004F



080004

Previews

White Background



This preview shows how the Hex color 438D62 looks on a white background.

Color Contrast Check

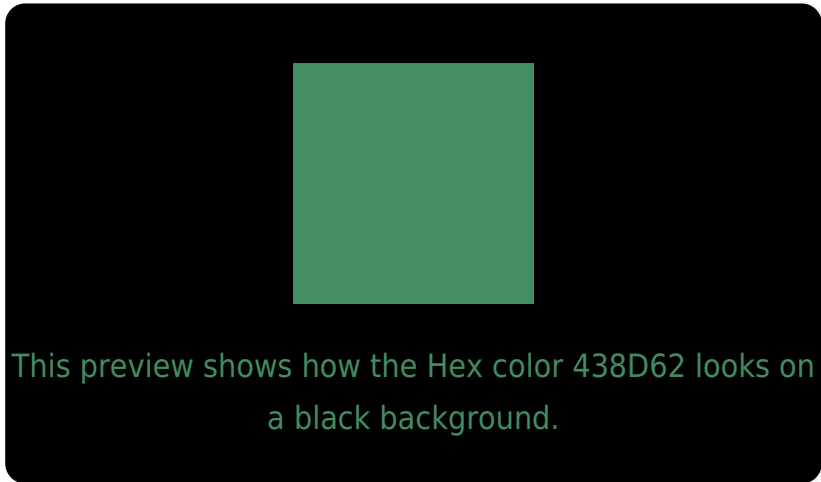
Large Text (above 18pt) WCAG AA ✓ Pass

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

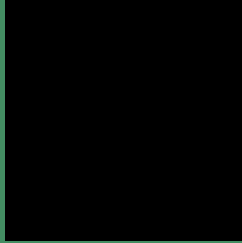
Any Text WCAG AA ✓ Pass

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 438D62 Background



This preview shows how black text looks on a background with the Hex color 438D62.

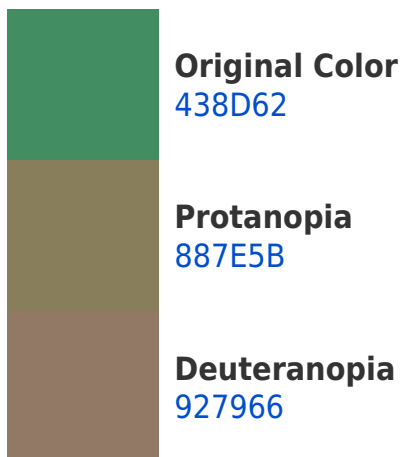


This preview shows how white text looks on a background with the Hex color 438D62.

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](#).

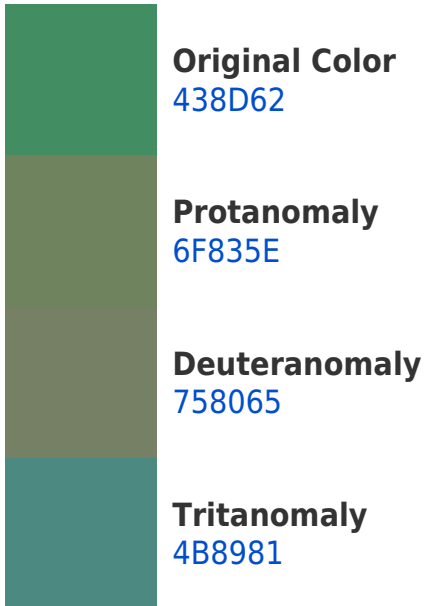
Dichromacy





Tritanopia
508792

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 438D62 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 #438D62 looks like.

```
.text, #text, p{  
    color:#438D62  
}
```

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 #438D62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #438D62
}
```

Border

The CSS property to change the border of an element to Hex 438D62 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
#438D62 }
```

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

```
.border{ border-color:#438D62 }
```

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

Here you see how a box with a 4 pixel #438D62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #438D62; -webkit-box-shadow:4px 4px  
4px 4px #438D62; box-shadow:4px 4px 4px  
4px #438D62 }
```

Background

The CSS property to change the background color of an element to Hex 438D62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#438D62 }
```

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

```
.background{ background-color:#438D62 }
```

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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