

# Converting Colors

Hex(438E54)

Have a look what the booklet for  
Hex(438E54) contains.

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# Color

Hex(438E54)

# Conversions

## Conversions Part 1

Format	Color
Hex	438E54
RGB	67, 142, 84
RGB Percent	26%, 56%, 33%
CMY	0.7373, 0.4431, 0.6706
CMYK	0.53, 0.00, 0.41, 0.44
HSL	134°, 36%, 41%
HSV	134°, 53%, 56%
XYZ	13.5880, 21.1794, 11.7594
YIQ	112.9630, -26.0820, -33.9380

# Conversions

## Conversions Part 2

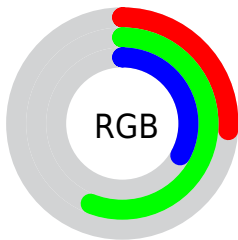
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	67, 128, 142
Decimal	4427348
CIE <sub>Lab</sub>	53.15, -36.60, 23.97
CIE <sub>LCh</sub>	53, 43.750, 146.775
Y <sub>xy</sub>	21.1794, 0.2920, 0.4552
Android (android.graphics.Color)	4282617428 (0xFF438E54)
YUV	112.9630, -14.2788, -40.3096
Hunter-Lab	46.0211, -27.8338, 17.0649

# Details

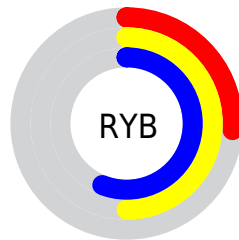
The Hex color **438E54** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8E437D**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **78C486**, and **025B26** is the 20% darker color. If you saturate the color by 10%, you get **358E49**, and if you desaturate by 10%, it is **518E5F**.

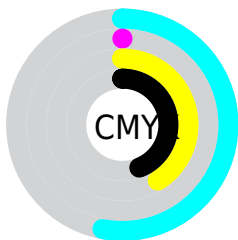
# Distribution



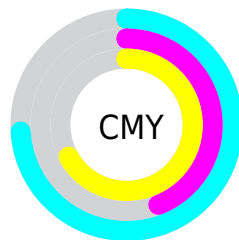
- Red (26%)
- Green (56%)
- Blue (33%)



- Red (26%)
- Yellow (50%)
- Blue (56%)



- Cyan (53%)
- Magenta (0%)
- Yellow (41%)
- Black (44%)



- Cyan (74%)
- Magenta (44%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 438E54 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 438E54 by changing the saturation by 10% instead.





438E54



438E54

FFFFFF



27743C



78C486



025B26



94E1A1



004310



AFFDBC



002C00



CCFFD8



001300



E9FFF4



000000



438E54



438E54



358E49



518E5F



278E3E



5F8E6A

■ 188E33

■ 6E8E75

■ 0A8E28

■ 7C8E80

■ 008E20

■ 8A8E8B

■ 988E96

■ A68EA1

■ B58EAC

■ C38EB7

# Harmonies

## Analogous

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



738738



438E54



009179

# Triad

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



438E54



2484CA



C4615F

# Complementary

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



438E54



8E437D

# 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.



C15F85



438E54



7A77C2

# Square

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



438E54



008DBD



A968A9



B46E41

# Rectangle

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



438E54



009293



A968A9



C55F6B



# Sweetspot

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



438E54



9AB8A1



7E8E43



4A5C4E



DBDBDB



5C5C5C



# Same Dimension

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



438E54



44B85E



438E79



404742



00871F



000802



# Inverse Universe

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



8E437D



B8449D



8E4358



474046



870069



080006



# Previews

## White Background



This preview shows how the Hex color 438E54 looks on a white background.

## Color Contrast Check

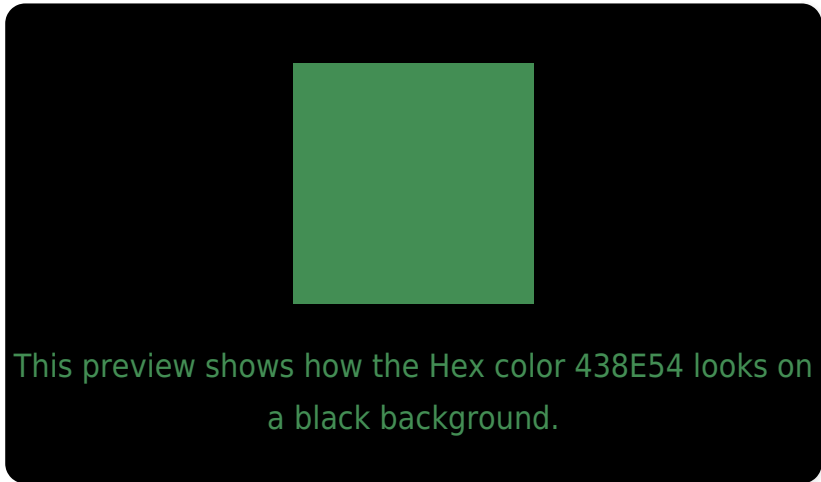
Large Text (above 18pt) WCAG AA ✓ Pass

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

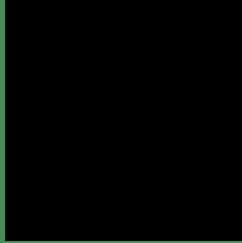
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 438E54 Background



This preview shows how black text looks on a background with the Hex color 438E54.



This preview shows how white text looks on a background with the Hex color 438E54.

# 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**  
528792

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 438E54 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 #438E54 looks like.

```
.text, #text, p{  
    color:#438E54  
}
```

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 #438E54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #438E54
}
```

## Border

The CSS property to change the border of an element to Hex 438E54 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
#438E54 }
```

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

```
.border{ border-color:#438E54 }
```

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

Here you see how a box with a 4 pixel #438E54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #438E54; -webkit-box-shadow:4px 4px  
4px 4px #438E54; box-shadow:4px 4px 4px  
4px #438E54 }
```

# Background

The CSS property to change the background color of an element to Hex 438E54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#438E54 }
```

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

```
.background{ background-color:#438E54 }
```

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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