

# Converting Colors

Hex(428A53)

Have a look what the booklet for  
Hex(428A53) contains.

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**Color**

**Hex(428A53)**

# Conversions

## Conversions Part 1

Format	Color
Hex	428A53
RGB	66, 138, 83
RGB Percent	26%, 54%, 33%
CMY	0.7412, 0.4588, 0.6745
CMYK	0.52, 0.00, 0.40, 0.46
HSL	134°, 35%, 40%
HSV	134°, 52%, 54%
XYZ	12.8966, 19.9597, 11.3565
YIQ	110.2020, -25.2570, -32.3690

# Conversions

## Conversions Part 2

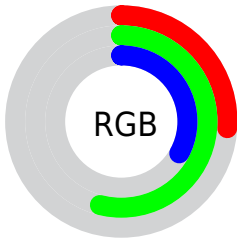
<b>Format</b>	<b>Color</b>
<b>RYB</b>	66, 124, 138
Decimal	4360787
CIELab	51.79, -35.28, 22.74
CIElCh	52, 41.969, 147.194
Yxy	19.9597, 0.2917, 0.4514
Android (android.graphics.Color)	4282550867 (0xFF428A53)
YUV	110.2020, -13.4106, -38.7652
Hunter-Lab	44.6763, -26.6565, 16.2022

# Details

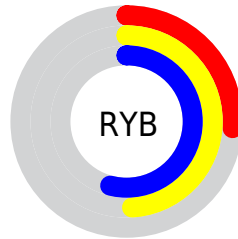
The Hex color **428A53** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8A4279**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **77C085**, and **025725** is the 20% darker color. If you saturate the color by 10%, you get **348A48**, and if you desaturate by 10%, it is **508A5E**.

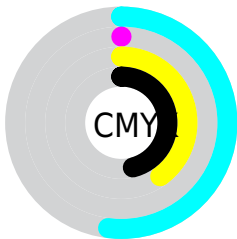
# Distribution



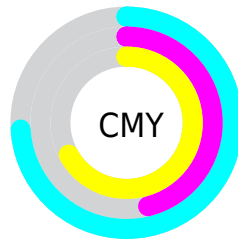
- Red (26%)
- Green (54%)
- Blue (33%)



- Red (26%)
- Yellow (49%)
- Blue (54%)



- Cyan (52%)
- Magenta (0%)
- Yellow (40%)
- Black (46%)



- Cyan (74%)
- Magenta (46%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 428A53 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 428A53 by changing the saturation by 10% instead.



 428A53

 428A53

FFFFFF

 27703B

 77C085

 025725

 92DC9F

 003F0F

 AEF9BB

 002900

 CAFFD6

 000C00

 E7FFF3

 000000

 428A53

 428A53

 348A48

 508A5E

 268A3E

 5E8A68

■ 198A33

■ 6B8A73

■ 0B8A29

■ 798A7D

■ 008A21

■ 878A88

■ 958A92

■ A38A9D

■ B08AA7

■ BE8AB2

# Harmonies

## Analogous

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



708339



428A53



008D77

# Triad

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



428A53



2A80C3



BD605D

# Complementary

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



428A53



8A4279

# 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.



BB5D80



428A53



7873BB

# Square

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



428A53



0089B7



A565A3



AF6B40

# Rectangle

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



428A53



008E90



A565A3



BF5D68



# Sweetspot

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



428A53



96B39D



798A42



48594C



D9D9D9



595959



# Same Dimension

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



428A53



42B35D



428A77



3E4540



00851F



000501



# Inverse Universe

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



8A4279



B34298



8A4255



453E43



850065



050004



# Previews

## White Background



This preview shows how the Hex color 428A53 looks on a white background.

## Color Contrast Check

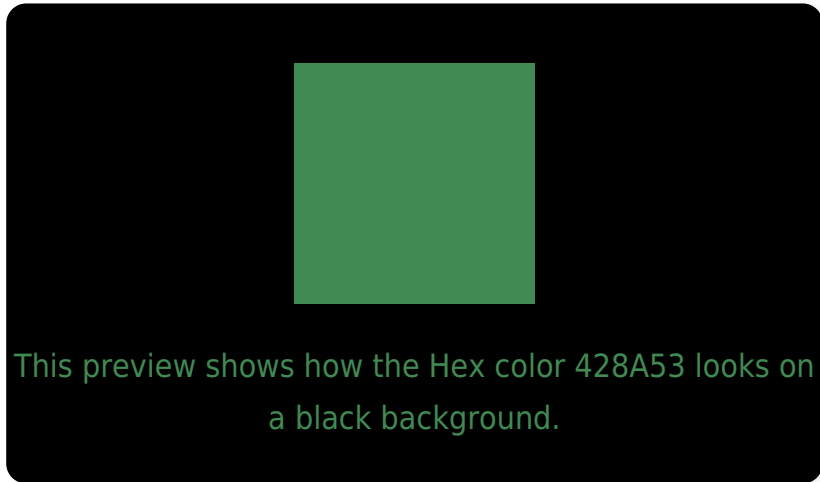
Large Text (above 18pt) WCAG AA ✓ Pass

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 428A53 Background



This preview shows how black text looks on a background with the Hex color 428A53.

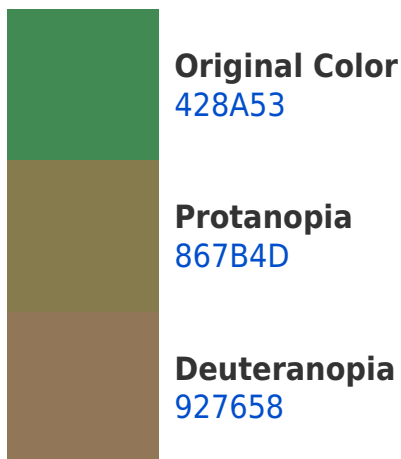


This preview shows how white text looks on a background with the Hex color 428A53.

# 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](#).

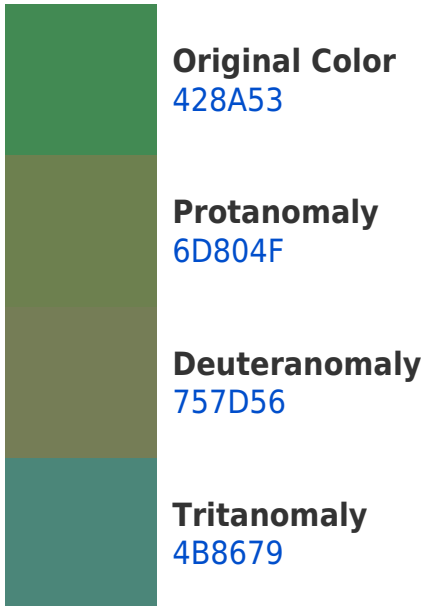
## Dichromacy





**Tritanopia**  
50838E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 428A53 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 #428A53 looks like.

```
.text, #text, p{  
    color:#428A53  
}
```

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 #428A53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #428A53
}
```

## Border

The CSS property to change the border of an element to Hex 428A53 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
#428A53 }
```

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

```
.border{ border-color:#428A53 }
```

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

Here you see how a box with a 4 pixel #428A53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #428A53; -webkit-box-shadow:4px 4px  
4px 4px #428A53; box-shadow:4px 4px 4px  
4px #428A53 }
```

# Background

The CSS property to change the background color of an element to Hex 428A53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#428A53 }
```

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

```
.background{ background-color:#428A53 }
```

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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