

Converting Colors

Hex(428E51)

Have a look what the booklet for
Hex(428E51) contains.

Hex(428E51)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(428E51)

Conversions

Conversions Part 1

Format	Color
Hex	428E51
RGB	66, 142, 81
RGB Percent	26%, 56%, 32%
CMY	0.7412, 0.4431, 0.6824
CMYK	0.54, 0.00, 0.43, 0.44
HSL	132°, 37%, 41%
HSV	132°, 54%, 56%
XYZ	13.4050, 21.0983, 11.1505
YIQ	112.3220, -25.7150, -35.0830

Conversions

Conversions Part 2

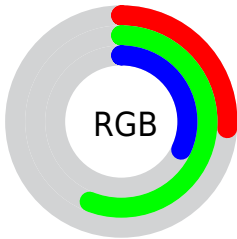
Format	Color
RYB	66, 129, 142
Decimal	4361809
CIELab	53.06, -37.40, 25.49
CIELCh	53, 45.259, 145.718
Yxy	21.0983, 0.2936, 0.4621
Android (android.graphics.Color)	4282551889 (0xFF428E51)
YUV	112.3220, -15.4417, -40.6244
Hunter-Lab	45.9329, -28.2895, 17.7601

Details

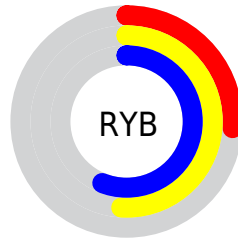
The Hex color **428E51** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8E427F**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **78C483**, and **005B23** is the 20% darker color. If you saturate the color by 10%, you get **348E46**, and if you desaturate by 10%, it is **508E5C**.

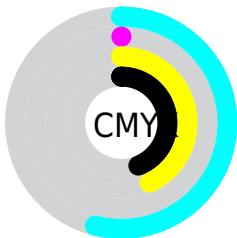
Distribution



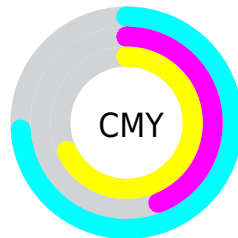
- Red (26%)
- Green (56%)
- Blue (32%)



- Red (26%)
- Yellow (51%)
- Blue (56%)



- Cyan (54%)
- Magenta (0%)
- Yellow (43%)
- Black (44%)



- Cyan (74%)
- Magenta (44%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 428E51 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 428E51 by changing the saturation by 10% instead.

 428E51

 428E51

FFFFFF

 267439

 78C483

 005B23

 93E19D

 00430C

 AFFDB9

 002C00

 CBFFD4

 001300

 E8FFF1

 000000

 428E51

 428E51

 348E46

 508E5C

 268E3A

 5E8E68

 178E2F

 6D8E73

 098E23

 7B8E7F

 008E1C

 898E8A

 978E95

 A58EA1

 B48EAC

 C28EB8

Harmonies

Analogous

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



738635



428E51



009278

Triad

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



428E51



0B85CC



C6605F

Complementary

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



428E51



8E427F

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.



C35D86



428E51



777C5

Square

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



428E51



008EBE



A967AB



B66C3F

Rectangle

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



428E51



009293



A967AB



C75D6C

Sweetspot

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



428E51



9AB8A0



808E42



4A5C4E



DBDBDB



5C5C5C

Same Dimension

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



428E51



42B859



428E76



404742



00871B



000802

Inverse Universe

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



8E427F



B842A0



8E425A



474046



87006C



080006

Previews

White Background



This preview shows how the Hex color 428E51 looks on a white background.

Color Contrast Check

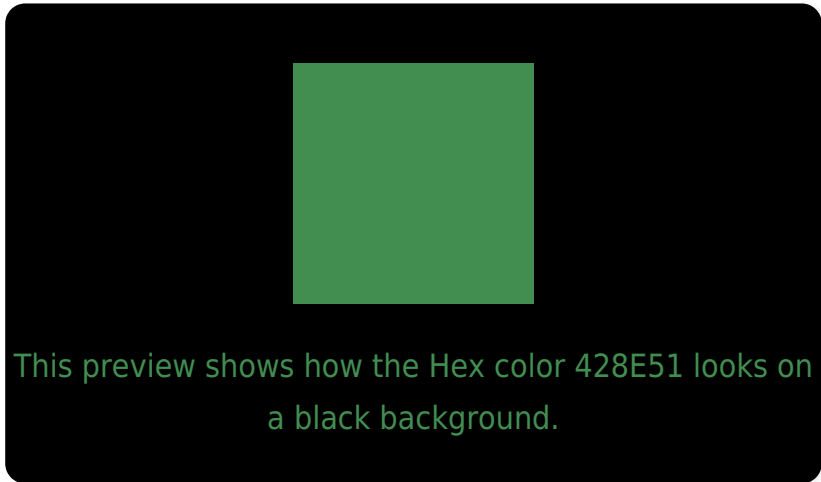
Large Text (above 18pt) WCAG AA ✓ Pass

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

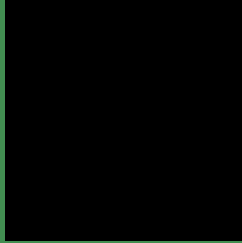
Any Text WCAG AA ✓ Pass

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 428E51 Background



This preview shows how black text looks on a background with the Hex color 428E51.



This preview shows how white text looks on a background with the Hex color 428E51.

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
528791

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 428E51 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 #428E51 looks like.

```
.text, #text, p{  
    color:#428E51  
}
```

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 #428E51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #428E51  
}
```

Border

The CSS property to change the border of an element to Hex 428E51 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  
#428E51 }
```

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

```
.border{ border-color:#428E51 }
```

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

Here you see how a box with a 4 pixel #428E51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #428E51; -webkit-box-shadow:4px 4px  
4px 4px #428E51; box-shadow:4px 4px 4px  
4px #428E51 }
```

Background

The CSS property to change the background color of an element to Hex 428E51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#428E51 }
```

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

```
.background{ background-color:#428E51 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor