

Converting Colors

Hex(428445)

Have a look what the booklet for
Hex(428445) contains.

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Color

Hex(428445)

Conversions

Conversions Part 1

Format	Color
Hex	428445
RGB	66, 132, 69
RGB Percent	26%, 52%, 27%
CMY	0.7412, 0.4824, 0.7294
CMYK	0.50, 0.00, 0.48, 0.48
HSL	123°, 33%, 39%
HSV	123°, 50%, 52%
XYZ	11.5722, 18.0905, 8.5121
YIQ	105.0840, -19.1130, -33.5850

Conversions

Conversions Part 2

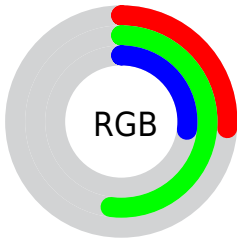
Format	Color
RYB	66, 129, 132
Decimal	4359237
CIELab	49.61, -34.97, 27.60
CIElCh	50, 44.544, 141.720
Yxy	18.0905, 0.3031, 0.4739
Android (android.graphics.Color)	4282549317 (0xFF428445)
YUV	105.0840, -17.7894, -34.2767
Hunter-Lab	42.5329, -25.8668, 17.9073

Details

The Hex color **428445** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **844281**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **77BA76**, and **055217** is the 20% darker color. If you saturate the color by 10%, you get **358438**, and if you desaturate by 10%, it is **4F8452**.

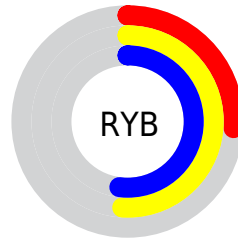
Distribution



Red (26%)

Green (52%)

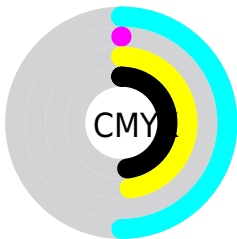
Blue (27%)



Red (26%)

Yellow (51%)

Blue (52%)

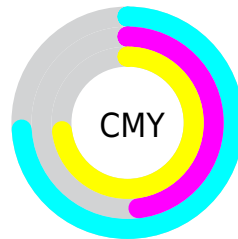


Cyan (50%)

Magenta (0%)

Yellow (48%)

Black (48%)



Cyan (74%)

Magenta (48%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 428445 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 428445 by changing the saturation by 10% instead.



428445



428445

FFFFFF



276A2E



77BA76



055217



92D690



003A00



ADF2AB



002500



C9FFC7



000000



E6FFE3



428445



428445



358438



4F8452



28842C



5C845E

 1A841F

 6A846B

 0D8413

 778477

 008406

 848484

 918491

 9E849D

 AC84AA

 B984B6

Harmonies

Analogous

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



707C2B



428445



00886A

Triad

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



428445



007DC1



BC565C

Complementary

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



428445



844281

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.



B65582



428445



6670BC

Square

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



428445



0085B1



9A61A5



AF623B

Rectangle

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



428445



008984



9A61A5



BC5469

Sweetspot

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



428445



91AB92



828442



475748



D6D6D6



575757

Same Dimension

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



428445



44AB49



428465



3C423C



008206



000300

Inverse Universe

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



844281



AB44A6



844261



423C42



82007C



030002

Previews

White Background



This preview shows how the Hex color 428445 looks on a white background.

Color Contrast Check

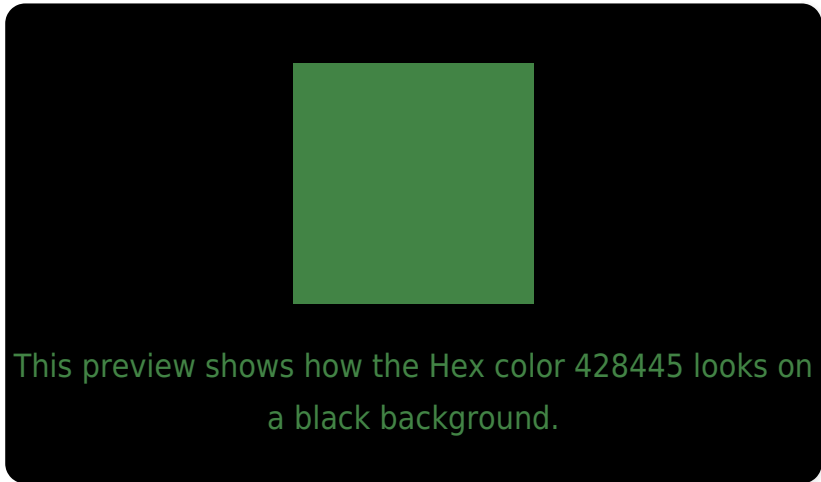
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

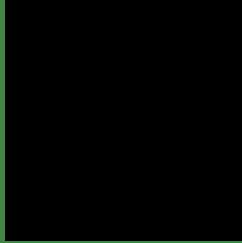
Any Text WCAG AA ✓ Pass

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 428445 Background



This preview shows how black text looks on a background with the Hex color 428445.

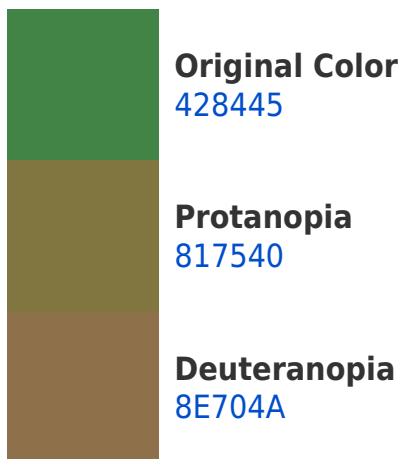



This preview shows how white text looks on a background with the Hex color 428445.

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
507D87

Trichromacy



Original Color
428445

Protanomaly
6A7A42

Deuteranomaly
727748

Tritanomaly
4B806F

Monochromacy



Original Color
428445

Achromatopsia
696969

Achromatomaly
5B735C

CSS Examples

Text

The CSS property to change the color of the text to Hex 428445 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 #428445 looks like.

```
.text, #text, p{  
    color:#428445  
}
```

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 #428445 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #428445
}
```

Border

The CSS property to change the border of an element to Hex 428445 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".

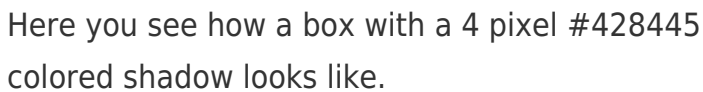
```
.border, #border, table{ border:4px solid
#428445 }
```

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

```
.border{ border-color:#428445 }
```

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

Here you see how a box with a 4 pixel #428445 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #428445; -webkit-box-shadow:4px 4px  
4px 4px #428445; box-shadow:4px 4px 4px  
4px #428445 }
```

Background

The CSS property to change the background color of an element to Hex 428445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#428445 }
```

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

```
.background{ background-color:#428445 }
```

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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