

Converting Colors

Hex(428866)

Have a look what the booklet for
Hex(428866) contains.

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Color

Hex(428866)

Conversions

Conversions Part 1

Format	Color
Hex	428866
RGB	66, 136, 102
RGB Percent	26%, 53%, 40%
CMY	0.7412, 0.4667, 0.6000
CMYK	0.51, 0.00, 0.25, 0.47
HSL	151°, 35%, 40%
HSV	151°, 51%, 53%
XYZ	13.4492, 19.7259, 15.6690
YIQ	111.1940, -30.8060, -25.4140

Conversions

Conversions Part 2

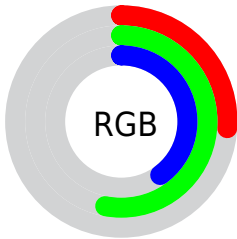
Format	Color
RYB	66, 112, 136
Decimal	4360294
CIELab	51.53, -30.51, 11.62
CIElCh	52, 32.647, 159.156
Yxy	19.7259, 0.2753, 0.4039
Android (android.graphics.Color)	4282550374 (0xFF428866)
YUV	111.1940, -4.5326, -39.6351
Hunter-Lab	44.4138, -23.6716, 10.1724

Details

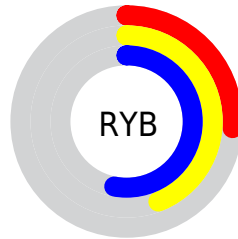
The Hex color **428866** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **884264**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **77BE99**, and **045537** is the 20% darker color. If you saturate the color by 10%, you get **34885F**, and if you desaturate by 10%, it is **50886D**.

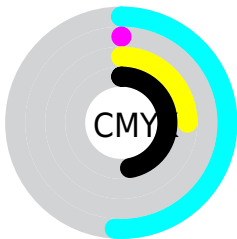
Distribution



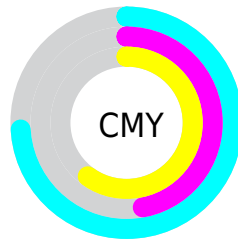
- Red (26%)
- Green (53%)
- Blue (40%)



- Red (26%)
- Yellow (44%)
- Blue (53%)



- Cyan (51%)
- Magenta (0%)
- Yellow (25%)
- Black (47%)



- Cyan (74%)
- Magenta (47%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 428866 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 428866 by changing the saturation by 10% instead.

 428866

 428866

FFFFFF

 276E4E

 77BE99

 045537

 92DAB4

 003E21

 ADF6CF

 00280C

 C9FFEC

 000A00

 E6FFFF

 000000

 428866

 428866

 34885F

 50886D

 278859

 5D8873

■ 198852

■ 6B887A

■ 0C884C

■ 788880

■ 008846

■ 868887

■ 94888E

■ A18894

■ AF889B

■ BC88A1

Harmonies

Analogous

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



66834E



428866



068A83

Triad

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



428866



5F7BB2



AD6959

Complementary

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



428866



884264

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.



B06573



428866



8970A6

Square

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



428866



2683AE



A4678F



9D7247

Rectangle

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



428866



008995



A4678F



B06761

Sweetspot

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



428866



96B0A3



658842



495951



D9D9D9



595959

Same Dimension

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



428866



43B07B



428888



3E4542



008544



000503

Inverse Universe

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



884264



B04378



884242



453E41



850040



050002

Previews

White Background



This preview shows how the Hex color 428866 looks on a white background.

Color Contrast Check

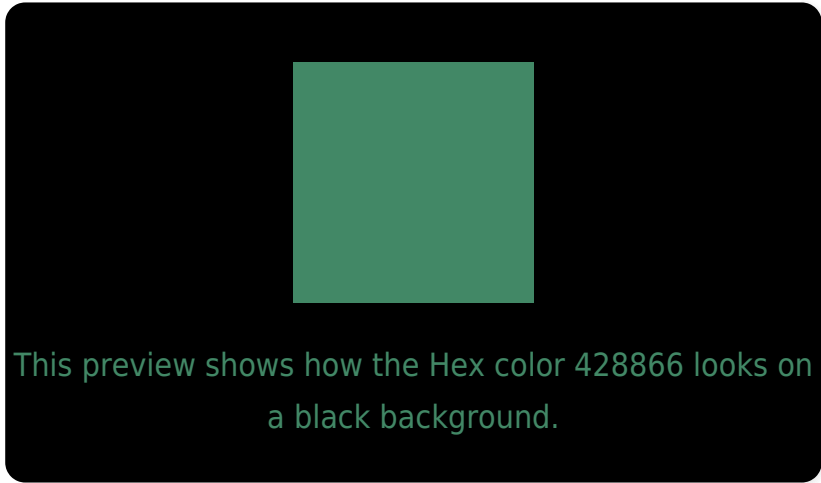
Large Text (above 18pt) WCAG AA ✓ Pass

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

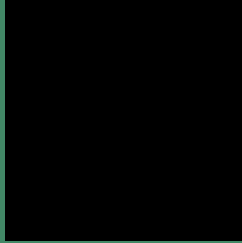
Any Text WCAG AA ✓ Pass

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 428866 Background



This preview shows how black text looks on a background with the Hex color 428866.

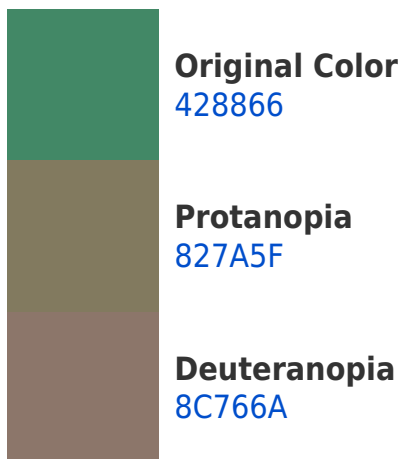



This preview shows how white text looks on a background with the Hex color 428866.

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
4D838D

Trichromacy



Original Color
428866

Protanomaly
6B7F62

Deuteranomaly
717D69

Tritanomaly
49857F

Monochromacy



Original Color
428866

Achromatopsia
6F6F6F

Achromatomaly
5F786C

CSS Examples

Text

The CSS property to change the color of the text to Hex 428866 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 #428866 looks like.

```
.text, #text, p{  
    color:#428866  
}
```

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 #428866 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #428866
}
```

Border

The CSS property to change the border of an element to Hex 428866 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
#428866 }
```

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

```
.border{ border-color:#428866 }
```

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

Here you see how a box with a 4 pixel #428866 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #428866; -webkit-box-shadow:4px 4px  
4px 4px #428866; box-shadow:4px 4px 4px  
4px #428866 }
```

Background

The CSS property to change the background color of an element to Hex 428866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#428866 }
```

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

```
.background{ background-color:#428866 }
```

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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