

Converting Colors

Hex(428B69)

Have a look what the booklet for
Hex(428B69) contains.

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Color

Hex(428B69)

Conversions

Conversions Part 1

Format	Color
Hex	428B69
RGB	66, 139, 105
RGB Percent	26%, 55%, 41%
CMY	0.7412, 0.4549, 0.5882
CMYK	0.53, 0.00, 0.24, 0.45
HSL	152°, 36%, 40%
HSV	152°, 53%, 55%
XYZ	14.0292, 20.6434, 16.6098
YIQ	113.2970, -32.5940, -26.0500

Conversions

Conversions Part 2

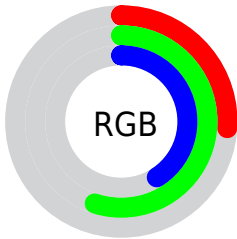
Format	Color
RYB	66, 114, 139
Decimal	4361065
CIELab	52.56, -31.26, 11.34
CIELCh	53, 33.255, 160.066
Yxy	20.6434, 0.2736, 0.4025
Android (android.graphics.Color)	4282551145 (0xFF428B69)
YUV	113.2970, -4.0904, -41.4795
Hunter-Lab	45.4350, -24.3950, 10.1298

Details

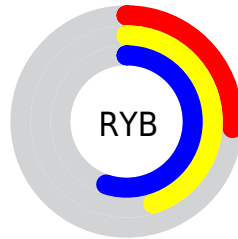
The Hex color **428B69** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8B4264**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **77C19C**, and **02583A** is the 20% darker color. If you saturate the color by 10%, you get **348B63**, and if you desaturate by 10%, it is **508B6F**.

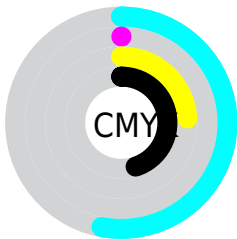
Distribution



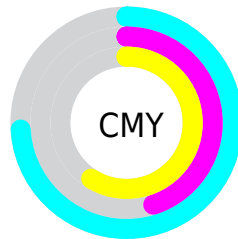
- Red (26%)
- Green (55%)
- Blue (41%)



- Red (26%)
- Yellow (45%)
- Blue (55%)



- Cyan (53%)
- Magenta (0%)
- Yellow (24%)
- Black (45%)



- Cyan (74%)
- Magenta (45%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 428B69 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 428B69 by changing the saturation by 10% instead.

 428B69

 428B69

FFFFFF

 277151

 77C19C

 02583A

 92DDB7

 004024

 AEFAD3

 002A0F

 CAFFEF

 001000

 E7FFFF

 000000

 428B69

 428B69

 348B63

 508B6F

 268B5C

 5E8B76

■ 188B56

■ 6C8B7C

■ 0A8B4F

■ 7A8B83

■ 008B4A

■ 888B89

■ 958B90

■ A38B96

■ B18B9D

■ BF8BA3

Harmonies

Analogous

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



678651



428B69



018D86

Triad

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



428B69



627DB5



B06C5A

Complementary

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



428B69



8B4264

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.



B46775



428B69



8D72A9

Square

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



428B69



2886B2



A96992



A07548

Rectangle

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



428B69



008C99



A96992



B36962

Sweetspot

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



428B69



98B5A8



648B42



4A5C54



DBDBDB



5C5C5C

Same Dimension

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



428B69



43B580



42898B



3E4542



008547



000503

Inverse Universe

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



8B4264



B54378



8B4442



453E41



85003E



050002

Previews

White Background



This preview shows how the Hex color 428B69 looks on a white background.

Color Contrast Check

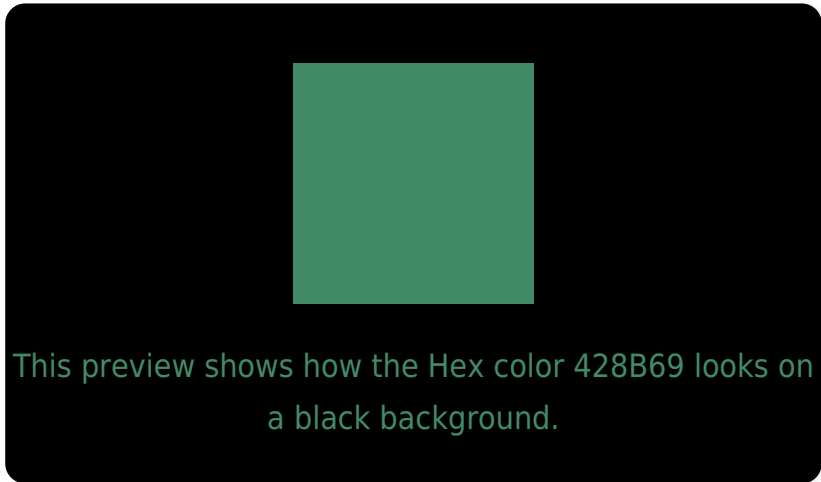
Large Text (above 18pt) WCAG AA ✓ Pass

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

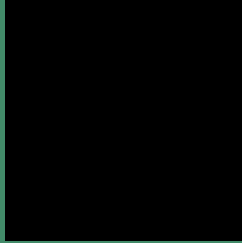
Any Text WCAG AA ✓ Pass

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 428B69 Background



This preview shows how black text looks on a background with the Hex color 428B69.

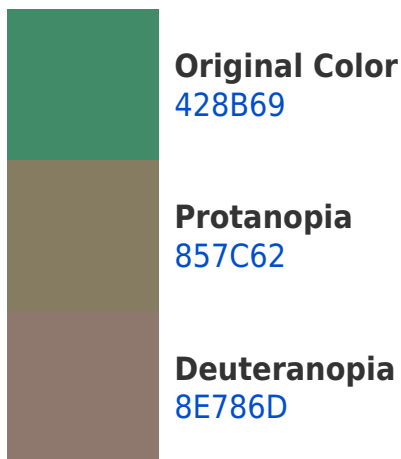



This preview shows how white text looks on a background with the Hex color 428B69.

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](#).

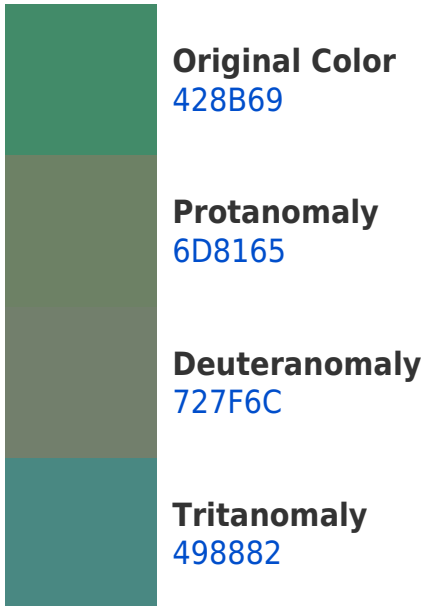
Dichromacy



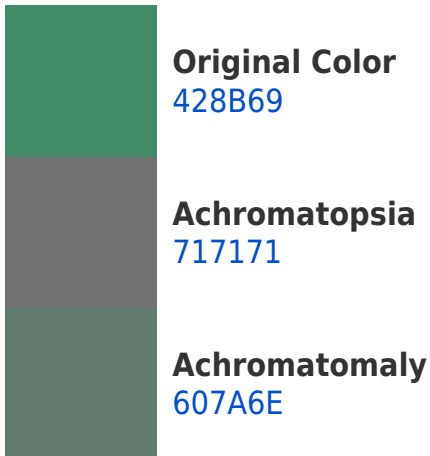


Tritanopia
4D8691

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 428B69 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 #428B69 looks like.

```
.text, #text, p{  
    color:#428B69  
}
```

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 #428B69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #428B69
}
```

Border

The CSS property to change the border of an element to Hex 428B69 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
#428B69 }
```

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

```
.border{ border-color:#428B69 }
```

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

Here you see how a box with a 4 pixel #428B69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #428B69; -webkit-box-shadow:4px 4px  
4px 4px #428B69; box-shadow:4px 4px 4px  
4px #428B69 }
```

Background

The CSS property to change the background color of an element to Hex 428B69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#428B69 }
```

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

```
.background{ background-color:#428B69 }
```

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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