

Converting Colors

Hex(428563)

Have a look what the booklet for
Hex(428563) contains.

Hex(428563)	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(428563)

Conversions

Conversions Part 1

Format	Color
Hex	428563
RGB	66, 133, 99
RGB Percent	26%, 52%, 39%
CMY	0.7412, 0.4784, 0.6118
CMYK	0.50, 0.00, 0.26, 0.48
HSL	150°, 34%, 39%
HSV	150°, 50%, 52%
XYZ	12.8864, 18.8342, 14.7606
YIQ	109.0910, -29.0180, -24.7780

Conversions

Conversions Part 2

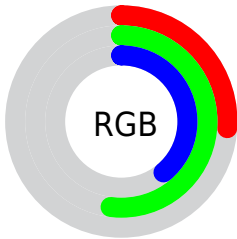
Format	Color
RYB	66, 111, 133
Decimal	4359523
CIELab	50.49, -29.74, 11.90
CIElCh	50, 32.036, 158.192
Yxy	18.8342, 0.2772, 0.4052
Android (android.graphics.Color)	4282549603 (0xFF428563)
YUV	109.0910, -4.9749, -37.7908
Hunter-Lab	43.3983, -22.9444, 10.2133

Details

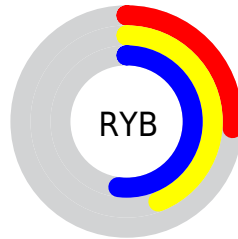
The Hex color **428563** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **854264**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **76BB96**, and **065334** is the 20% darker color. If you saturate the color by 10%, you get **35855C**, and if you desaturate by 10%, it is **4F856A**.

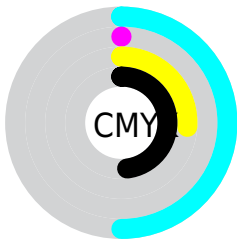
Distribution



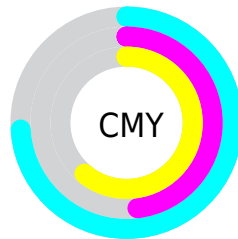
- Red (26%)
- Green (52%)
- Blue (39%)



- Red (26%)
- Yellow (44%)
- Blue (52%)



- Cyan (50%)
- Magenta (0%)
- Yellow (26%)
- Black (48%)



- Cyan (74%)
- Magenta (48%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 428563 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 428563 by changing the saturation by 10% instead.

 428563

 428563

FFFFFF

 276B4B

 76BB96

 065334

 91D7B1

 003B1F

 ADF3CC

 002508

 C9FFE8

 000300

 E5FFFF

 000000

 428563

 428563

 35855C

 4F856A

 278556

 5D8570

■ 1A854F

■ 6A8577

■ 0D8548

■ 77857E

■ 008542

■ 858585

■ 92858B

■ 9F8592

■ AC8599

■ BA85A0

Harmonies

Analogous

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



65804C



428563



0C877F

Triad

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



428563



5C78AE



AA6758

Complementary

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



428563



854264

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.



AC6272



428563



856EA3

Square

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



428563



2380AA



A0658D



9A7046

Rectangle

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



428563



008691



A0658D



AC6560

Sweetspot

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



428563



93ADA0



658542



47574F



D6D6D6



575757

Same Dimension

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



428563



45AD79



428584



3C423F



008240



000301

Inverse Universe

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



854264



AD457A



854243



423C3F



820042



030001

Previews

White Background



This preview shows how the Hex color 428563 looks on a white background.

Color Contrast Check

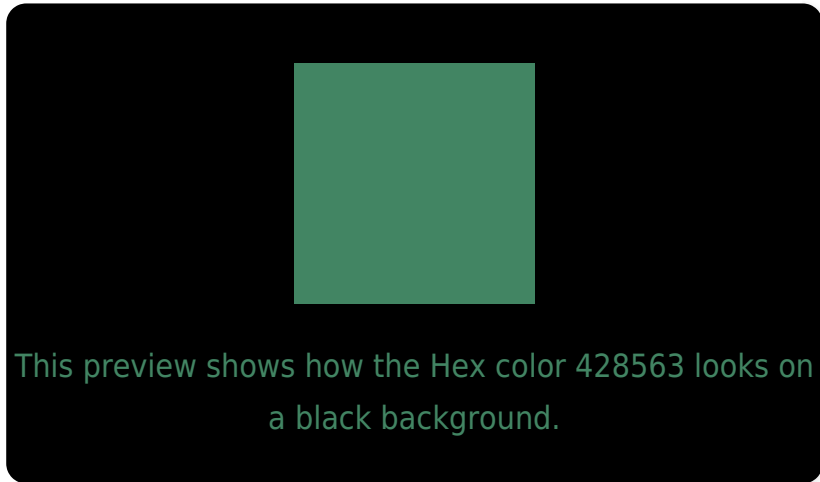
Large Text (above 18pt) WCAG AA ✓ Pass

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 428563 Background



This preview shows how black text looks on a background with the Hex color 428563.

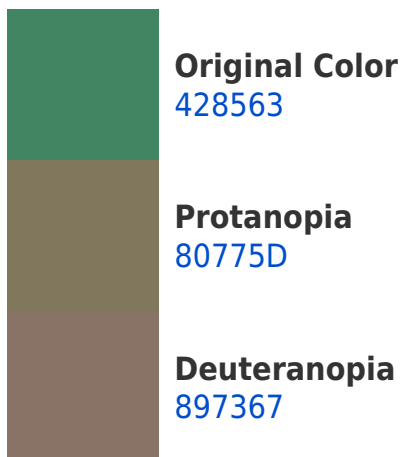



This preview shows how white text looks on a background with the Hex color 428563.

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
4D808A

Trichromacy



Original Color
428563

Protanomaly
697C5F

Deuteranomaly
6F7A66

Tritanomaly
49827C

Monochromacy



Original Color
428563

Achromatopsia
6D6D6D

Achromatomaly
5D7669

CSS Examples

Text

The CSS property to change the color of the text to Hex 428563 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 #428563 looks like.

```
.text, #text, p{  
    color:#428563  
}
```

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 #428563 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #428563
}
```

Border

The CSS property to change the border of an element to Hex 428563 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
#428563 }
```

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

```
.border{ border-color:#428563 }
```

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

Here you see how a box with a 4 pixel #428563 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #428563; -webkit-box-shadow:4px 4px  
4px 4px #428563; box-shadow:4px 4px 4px  
4px #428563 }
```

Background

The CSS property to change the background color of an element to Hex 428563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#428563 }
```

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

```
.background{ background-color:#428563 }
```

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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