

Converting Colors

Hex(428552)

Have a look what the booklet for
Hex(428552) contains.

Hex(428552)	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(428552)

Conversions

Conversions Part 1

Format	Color
Hex	428552
RGB	66, 133, 82
RGB Percent	26%, 52%, 32%
CMY	0.7412, 0.4784, 0.6784
CMYK	0.50, 0.00, 0.38, 0.48
HSL	134°, 34%, 39%
HSV	134°, 50%, 52%
XYZ	12.1573, 18.5425, 10.9209
YIQ	107.1530, -23.5610, -30.0650

Conversions

Conversions Part 2

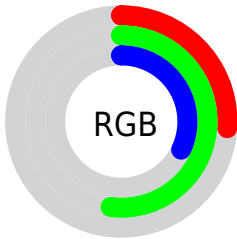
Format	Color
RYB	66, 120, 133
Decimal	4359506
CIELab	50.15, -33.20, 21.12
CIELCh	50, 39.346, 147.530
Yxy	18.5425, 0.2921, 0.4455
Android (android.graphics.Color)	4282549586 (0xFF428552)
YUV	107.1530, -12.4004, -36.0912
Hunter-Lab	43.0610, -24.9614, 15.1058

Details

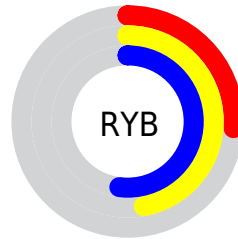
The Hex color **428552** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **854275**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **76BB84**, and **065324** is the 20% darker color. If you saturate the color by 10%, you get **358548**, and if you desaturate by 10%, it is **4F855C**.

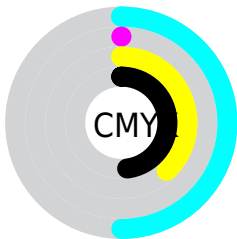
Distribution



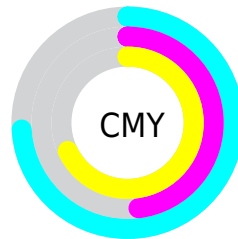
- Red (26%)
- Green (52%)
- Blue (32%)



- Red (26%)
- Yellow (47%)
- Blue (52%)



- Cyan (50%)
- Magenta (0%)
- Yellow (38%)
- Black (48%)



- Cyan (74%)
- Magenta (48%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 428552 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 428552 by changing the saturation by 10% instead.



428552



428552

FFFFFF



276B3B



76BB84



065324



91D79E



003B0F



ADF3B9



002600



C9FFD5



000100



E6FFF1



000000



428552



428552



358548



4F855C



27853E



5D8566

 1A8534

 6A8570

 0D852A

 77857A

 008520

 858585

 92858F

 9F8599

 AC85A3

 BA85AD

Harmonies

Analogous

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



6C7F39



428552



008873

Triad

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



428552



317CBA



B55E5A

Complementary

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



428552



854275

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.



B35B7B



428552



7570B3

Square

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



428552



0084AF



9E639C



A7683F

Rectangle

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



428552



00888A



9E639C



B65C65

Sweetspot

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



428552



93AD9A



758542



47574B



D6D6D6



575757

Same Dimension

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



428552



45AD5E



428573



3C423D



00821F



000301

Inverse Universe

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



854275



AD4595



854254



423C41



820063



030002

Previews

White Background



This preview shows how the Hex color 428552 looks on a white background.

Color Contrast Check

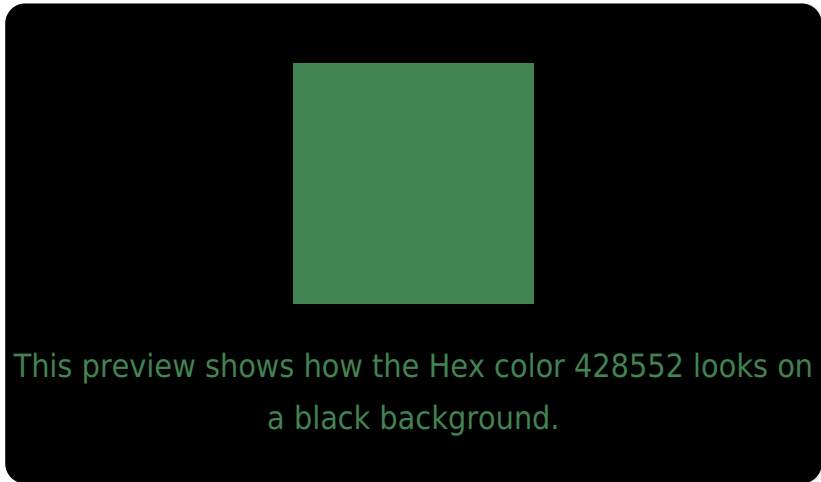
Large Text (above 18pt) WCAG AA ✓ Pass

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 428552 Background



This preview shows how black text looks on a background with the Hex color 428552.



This preview shows how white text looks on a background with the Hex color 428552.

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](#).

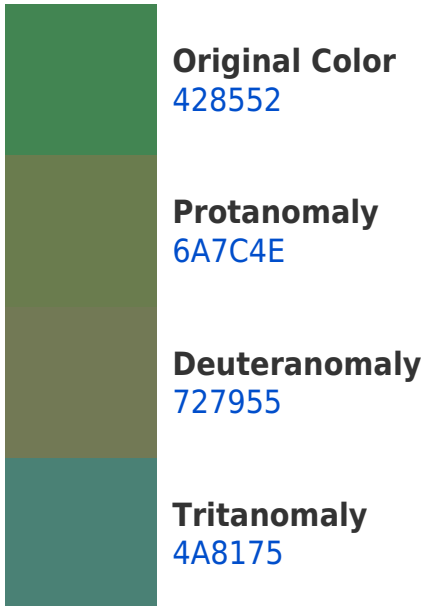
Dichromacy





Tritanopia
4F7E89

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 428552 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 #428552 looks like.

```
.text, #text, p{  
    color:#428552  
}
```

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 #428552 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #428552
}
```

Border

The CSS property to change the border of an element to Hex 428552 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
#428552 }
```

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

```
.border{ border-color:#428552 }
```

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

Here you see how a box with a 4 pixel #428552 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #428552; -webkit-box-shadow:4px 4px  
4px 4px #428552; box-shadow:4px 4px 4px  
4px #428552 }
```

Background

The CSS property to change the background color of an element to Hex 428552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#428552 }
```

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

```
.background{ background-color:#428552 }
```

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