

Converting Colors

Hex(428542)

Have a look what the booklet for
Hex(428542) contains.

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Color

Hex(428542)

Conversions

Conversions Part 1

Format	Color
Hex	428542
RGB	66, 133, 66
RGB Percent	26%, 52%, 26%
CMY	0.7412, 0.4784, 0.7412
CMYK	0.50, 0.00, 0.50, 0.48
HSL	120°, 34%, 39%
HSV	120°, 50%, 52%
XYZ	11.6177, 18.3267, 8.0793
YIQ	105.3290, -18.4250, -35.0410

Conversions

Conversions Part 2

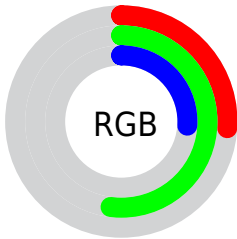
Format	Color
RYB	66, 133, 133
Decimal	4359490
CIELab	49.89, -35.87, 29.56
CIElCh	50, 46.480, 140.507
Yxy	18.3267, 0.3055, 0.4820
Android (android.graphics.Color)	4282549570 (0xFF428542)
YUV	105.3290, -19.3892, -34.4915
Hunter-Lab	42.8096, -26.4756, 18.7771

Details

The Hex color **428542** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **854285**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **77BB73**, and **045313** is the 20% darker color. If you saturate the color by 10%, you get **358535**, and if you desaturate by 10%, it is **4F854F**.

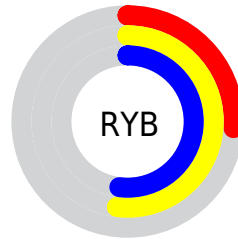
Distribution



Red (26%)

Green (52%)

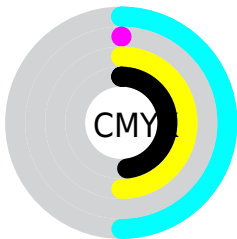
Blue (26%)



Red (26%)

Yellow (52%)

Blue (52%)

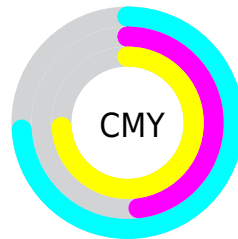


Cyan (50%)

Magenta (0%)

Yellow (50%)

Black (48%)



Cyan (74%)

Magenta (48%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 428542 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 428542 by changing the saturation by 10% instead.



428542



428542

FFFFFF



276B2B



77BB73



045313



92D78D



003B00



ADF3A8



002600



CAFFC3



000000



E6FFE0

FFFFFFC



428542



428542



358535



4F854F

 278527

 5D855D

 1A851A

 6A856A

 0D850D

 778577

 008500

 858585

 928592

 9F859F

 AC85AC

 BA85BA

Harmonies

Analogous

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



727D27



428542



008968

Triad

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



428542



007FC4



BF555D

Complementary

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



428542



854285

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.



B85485



428542



6271C1

Square

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



428542



0087B3



9B61A9



B2613B

Rectangle

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



428542



008A84



9B61A9



BF536A

Sweetspot

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



428542



93AD93



858542



475747



D6D6D6



575757

Same Dimension

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



428542



45AD45



428564



3C423C



008200



000300

Inverse Universe

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



854285



AD45AD



854264



423C42



820082



030003

Previews

White Background



This preview shows how the Hex color 428542 looks on a white background.

Color Contrast Check

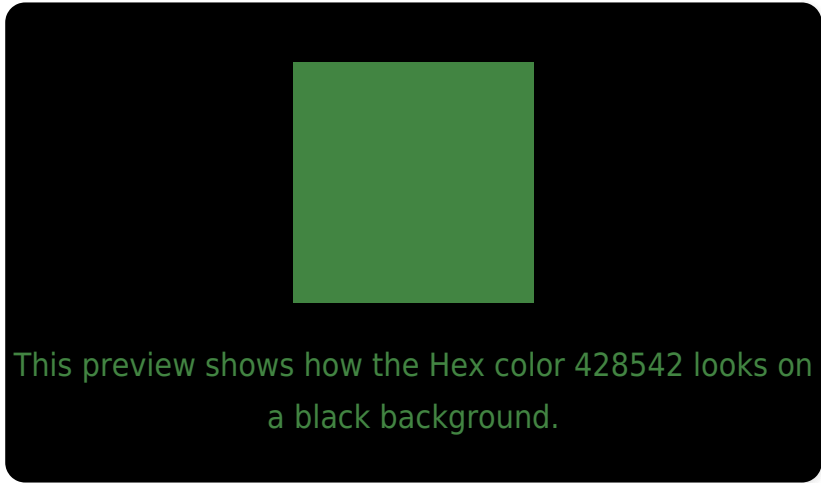
Large Text (above 18pt) WCAG AA ✓ Pass

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 428542 Background



This preview shows how black text looks on a background with the Hex color 428542.




This preview shows how white text looks on a background with the Hex color 428542.

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
517D87

Trichromacy



Original Color
428542

Protanomaly
6B7B3F

Deuteranomaly
737845

Tritanomaly
4C806E

Monochromacy



Original Color
428542

Achromatopsia
696969

Achromatomaly
5B735B

CSS Examples

Text

The CSS property to change the color of the text to Hex 428542 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 #428542 looks like.

```
.text, #text, p{  
    color:#428542  
}
```

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 #428542 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #428542
}
```

Border

The CSS property to change the border of an element to Hex 428542 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
#428542 }
```

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

```
.border{ border-color:#428542 }
```

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

Here you see how a box with a 4 pixel #428542 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #428542; -webkit-box-shadow:4px 4px  
4px 4px #428542; box-shadow:4px 4px 4px  
4px #428542 }
```

Background

The CSS property to change the background color of an element to Hex 428542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#428542 }
```

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

```
.background{ background-color:#428542 }
```

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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