

# Converting Colors

Hex(528066)

Have a look what the booklet for  
Hex(528066) contains.

<b>Hex(528066)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(528066)

# Conversions

## Conversions Part 1

Format	Color
Hex	528066
RGB	82, 128, 102
RGB Percent	32%, 50%, 40%
CMY	0.6784, 0.4980, 0.6000
CMYK	0.36, 0.00, 0.20, 0.50
HSL	146°, 22%, 41%
HSV	146°, 36%, 50%
XYZ	13.5971, 18.1915, 15.3650
YIQ	111.2820, -19.0700, -17.8380

# Conversions

## Conversions Part 2

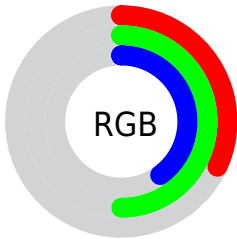
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	82, 114, 128
Decimal	5406822
CIE <sub>Lab</sub>	49.73, -21.81, 9.20
CIE <sub>LCh</sub>	50, 23.668, 157.130
Yxy	18.1915, 0.2884, 0.3858
Android (android.graphics.Color)	4283596902 (0xFF528066)
YUV	111.2820, -4.5760, -25.6803
Hunter-Lab	42.6515, -17.7350, 8.4970

# Details

The Hex color **528066** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **80526C**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **85B599**, and **224E37** is the 20% darker color. If you saturate the color by 10%, you get **45805F**, and if you desaturate by 10%, it is **5F806D**.

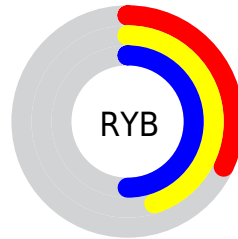
# Distribution



Red (32%)

Green (50%)

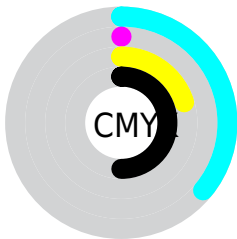
Blue (40%)



Red (32%)

Yellow (45%)

Blue (50%)

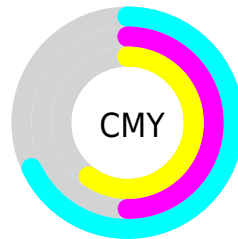


Cyan (36%)

Magenta (0%)

Yellow (20%)

Black (50%)



Cyan (68%)

Magenta (50%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 528066 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 528066 by changing the saturation by 10% instead.



■ 528066

■ 528066

FFFFFF

■ 3A674E

■ 85B599

■ 224E37

■ A0D1B4

■ 073722

■ BBEDCF

■ 00220C

■ D7FFEC

■ 000000

■ F4FFFF

■ 528066

■ 528066

■ 45805F

■ 5F806D

■ 388058

■ 6C8074

 2C8050

 78807C

 1F8049

 858083

 128042

 92808A

 05803B

 9F8091

 008038

 AC8099

 B880A0

 C580A7

# Harmonies

## Analogous

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



6A7C56



528066



3C817B

# Triad

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



528066



63779E



9C6A5F

# Complementary

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



528066



80526C

# 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.



9E6772



528066



7F6F96

# Square

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



528066



467D9B



946986



917052

# Rectangle

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



528066



358188



946986



9E6865



# Sweetspot

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



528066



94A69B



6C8052



49544E



D4D4D4



545454



# Same Dimension

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



528066



5EA67D



52807D



39403C



008037



000000



# Inverse Universe

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



80526C



A65E87



805255



40393D



800048

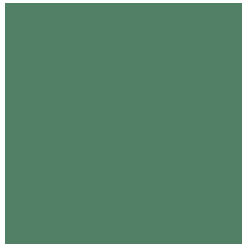


000000



# Previews

## White Background



This preview shows how the Hex color 528066 looks on a white background.

## Color Contrast Check

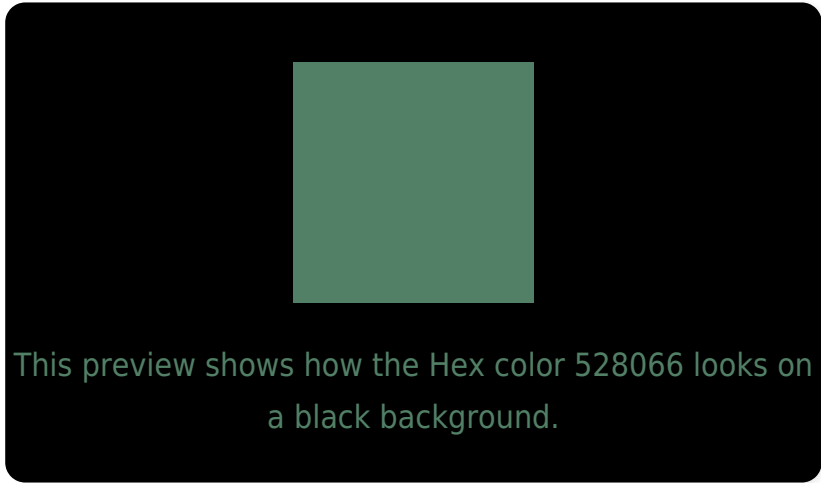
Large Text (above 18pt) WCAG AA ✓ Pass

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

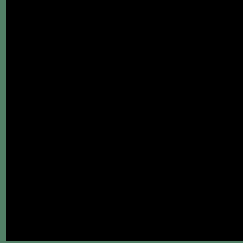
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 528066 Background



This preview shows how black text looks on a background with the Hex color 528066.

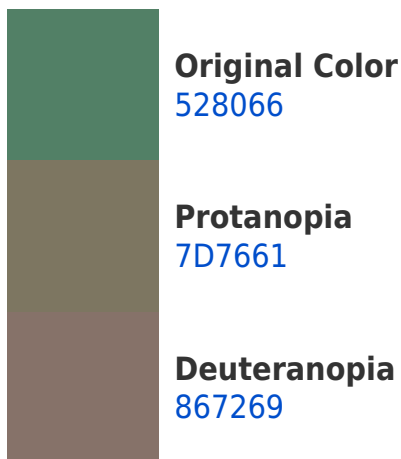



This preview shows how white text looks on a background with the Hex color 528066.

# 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**  
597C86

# Trichromacy



**Original Color**  
528066

**Protanomaly**  
6D7A63

**Deuteranomaly**  
737768

**Tritanomaly**  
567D7A

# Monochromacy



**Original Color**  
528066

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
64756C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 528066 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 #528066 looks like.

```
.text, #text, p{  
    color:#528066  
}
```

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 #528066 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #528066
}
```

## Border

The CSS property to change the border of an element to Hex 528066 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
#528066 }
```

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

```
.border{ border-color:#528066 }
```

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

Here you see how a box with a 4 pixel #528066 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #528066; -webkit-box-shadow:4px 4px  
4px 4px #528066; box-shadow:4px 4px 4px  
4px #528066 }
```

# Background

The CSS property to change the background color of an element to Hex 528066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#528066 }
```

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

```
.background{ background-color:#528066 }
```

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