

# Converting Colors

Hex(528360)

Have a look what the booklet for  
Hex(528360) contains.

<b>Hex(528360)</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(528360)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	528360
RGB	82, 131, 96
RGB Percent	32%, 51%, 38%
CMY	0.6784, 0.4863, 0.6235
CMYK	0.37, 0.00, 0.27, 0.49
HSL	137°, 23%, 42%
HSV	137°, 37%, 51%
XYZ	13.7073, 18.8710, 13.9863
YIQ	112.3590, -17.9690, -21.2730

# Conversions

## Conversions Part 2

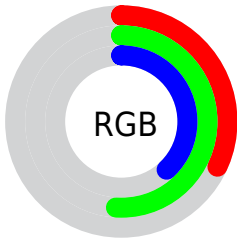
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	82, 120, 131
Decimal	5407584
CIE <sub>Lab</sub>	50.54, -24.59, 13.80
CIE <sub>LCh</sub>	51, 28.198, 150.688
Yxy	18.8710, 0.2944, 0.4053
Android (android.graphics.Color)	4283597664 (0xFF528360)
YUV	112.3590, -8.0650, -26.6248
Hunter-Lab	43.4407, -19.6973, 11.3193

# Details

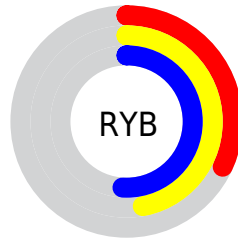
The Hex color **528360** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **835275**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **85B893**, and **215132** is the 20% darker color. If you saturate the color by 10%, you get **458357**, and if you desaturate by 10%, it is **5F8369**.

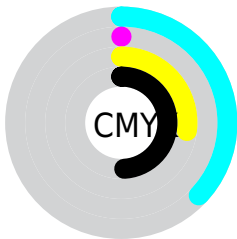
# Distribution



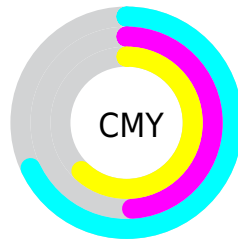
- Red (32%)
- Green (51%)
- Blue (38%)



- Red (32%)
- Yellow (47%)
- Blue (51%)



- Cyan (37%)
- Magenta (0%)
- Yellow (27%)
- Black (49%)



- Cyan (68%)
- Magenta (49%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 528360 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 528360 by changing the saturation by 10% instead.



■ 528360

■ 528360

FFFFFF

■ 396A48

■ 85B893

■ 215132

■ A0D4AD

■ 063A1C

■ BBF1C9

■ 002404

■ D8FFE5

■ 000400

■ F4FFFF

■ 000000

■ 528360

■ 528360

■ 458357

■ 5F8369

■ 38834D

■ 6C8373

 2B8344

 79837C

 1E833B

 868385

 118331

 94838F

 038328

 A18398

 008325

 AE83A2

 BB83AB

 C883B4

# Harmonies

## Analogous

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



6F7E4E



528360



338578

# Triad

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



528360



577AA8



A66861

# Complementary

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



528360



835275

# 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.



A56679



528360



7C72A2

# Square

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



528360



2E81A2



976A90



9B6F4F

# Rectangle

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



528360



1F8588



976A90



A76669



# Sweetspot

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



528360



98AB9D



758352



4B574F



D6D6D6



575757



# Same Dimension

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



528360



5EAB74



528378



3C423E



008225



000301



# Inverse Universe

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



835275



AB5E95



83525D



423C40



82005D



030002



# Previews

## White Background



This preview shows how the Hex color 528360 looks on a white background.

## Color Contrast Check

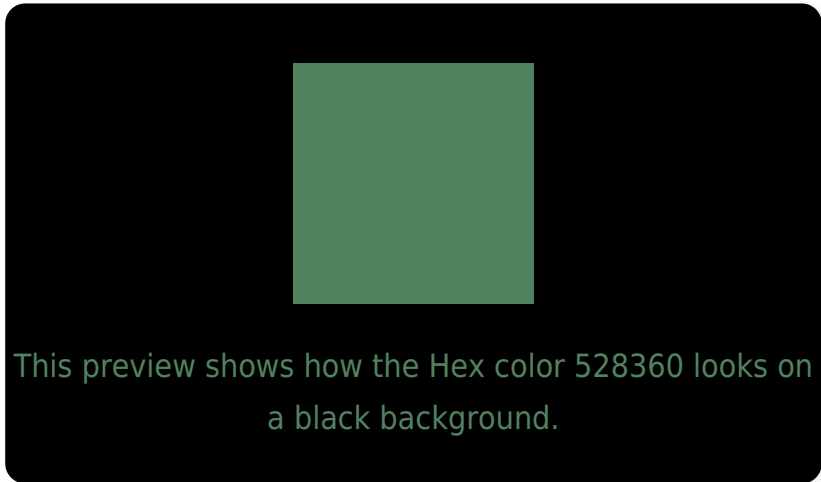
Large Text (above 18pt) WCAG AA ✓ Pass

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

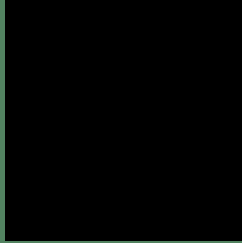
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 528360 Background



This preview shows how black text looks on a background with the Hex color 528360.



This preview shows how white text looks on a background with the Hex color 528360.

# 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



**Original Color**  
528360

**Protanopia**  
80785B

**Deuteranopia**  
8A7363



**Tritanopia**  
5A7E88

# Trichromacy



**Original Color**  
528360

**Protanomaly**  
6F7C5D

**Deuteranomaly**  
767962

**Tritanomaly**  
578079

# Monochromacy



**Original Color**  
528360

**Achromatopsia**  
707070

**Achromatomaly**  
65776A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 528360 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 #528360 looks like.

```
.text, #text, p{  
    color:#528360  
}
```

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 #528360 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #528360
}
```

## Border

The CSS property to change the border of an element to Hex 528360 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
#528360 }
```

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

```
.border{ border-color:#528360 }
```

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

Here you see how a box with a 4 pixel #528360 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #528360; -webkit-box-shadow:4px 4px  
4px 4px #528360; box-shadow:4px 4px 4px  
4px #528360 }
```

# Background

The CSS property to change the background color of an element to Hex 528360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#528360 }
```

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

```
.background{ background-color:#528360 }
```

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