

# Converting Colors

Hex(628630)

Have a look what the booklet for  
Hex(628630) contains.

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**Color**

**Hex(628630)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	628630
RGB	98, 134, 48
RGB Percent	38%, 53%, 19%
CMY	0.6157, 0.4745, 0.8118
CMYK	0.27, 0.00, 0.64, 0.47
HSL	85°, 47%, 36%
HSV	85°, 64%, 53%
XYZ	14.0956, 19.8603, 5.8868
YIQ	113.4320, 6.1500, -34.3780

# Conversions

## Conversions Part 2

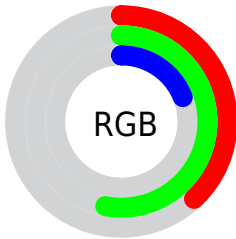
<b>Format</b>	<b>Color</b>
<b>RYB</b>	48, 134, 84
Decimal	6456880
CIELab	51.68, -27.06, 41.06
CIELCh	52, 49.177, 123.386
Yxy	19.8603, 0.3538, 0.4985
Android (android.graphics.Color)	4284646960 (0xFF628630)
YUV	113.4320, -32.2580, -13.5339
Hunter-Lab	44.5649, -21.5300, 23.3635

# Details

The Hex color **628630** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **543086**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **97BB62**, and **2F5400** is the 20% darker color. If you saturate the color by 10%, you get **5C8623**, and if you desaturate by 10%, it is **68863D**.

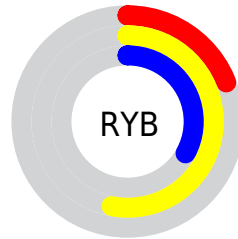
# Distribution



Red (38%)

Green (53%)

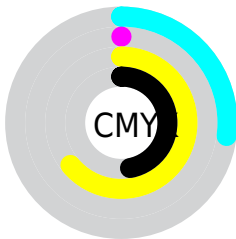
Blue (19%)



Red (19%)

Yellow (53%)

Blue (33%)

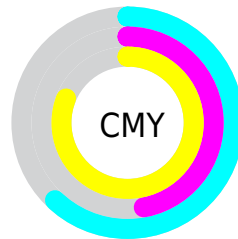


Cyan (27%)

Magenta (0%)

Yellow (64%)

Black (47%)



Cyan (62%)

Magenta (47%)

Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 628630 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 628630 by changing the saturation by 10% instead.



 628630

 628630

FFFFFF

 486D16

 97BB62

 2F5400

 B3D77C

 173D00

 CFF496

 002700

 ECFFB2

 000B00

 FFFFCE

 000000

 FFFFEA

 628630

 628630

 5C8623

 68863D

■ 578615

■ 6D864B

■ 518608

■ 738658

■ 4E8600

■ 788666

■ 7E8673

■ 848680

■ 89868E

■ 8F869B

■ 9486A9

# Harmonies

## Analogous

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



8D7B20



628630



1C8D54

# Triad

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



628630



0089C6



C75478

# Complementary

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



628630



543086

# 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.



B25DA2



628630



227ECF

# Square

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



628630



008FA8



836EC2



C45B4F

# Rectangle

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



628630



008F70



836EC2



C35586



# Sweetspot

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



628630



A0AD8C



865430



4E5743



D6D6D6



575757



# Same Dimension

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



628630



76AD28



378630



40423C



4C8200



010300



# Inverse Universe

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



543086



6028AD



7F3086



3E3C42



360082



010003



# Previews

## White Background



This preview shows how the Hex color 628630 looks on a white background.

## Color Contrast Check

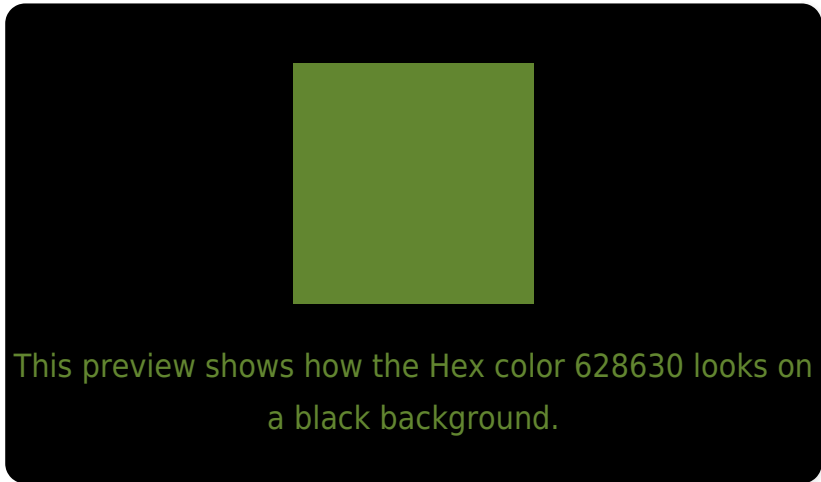
Large Text (above 18pt) WCAG AA ✓ Pass

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 628630 Background



This preview shows how black text looks on a background with the Hex color 628630.



This preview shows how white text looks on a background with the Hex color 628630.

# 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**  
628630

**Protanopia**  
897B2D

**Deuteranopia**  
987535



**Tritanopia**  
6D7D87

# Trichromacy



**Original Color**  
628630

**Protanomaly**  
7B7F2E

**Deuteranomaly**  
847B33

**Tritanomaly**  
698067

# Monochromacy



**Original Color**  
628630

**Achromatopsia**  
717171

**Achromatomaly**  
6C7959

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 628630 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 #628630 looks like.

```
.text, #text, p{  
    color:#628630  
}
```

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 #628630 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #628630
}
```

## Border

The CSS property to change the border of an element to Hex 628630 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
#628630 }
```

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

```
.border{ border-color:#628630 }
```

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

Here you see how a box with a 4 pixel #628630 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #628630; -webkit-box-shadow:4px 4px  
4px 4px #628630; box-shadow:4px 4px 4px  
4px #628630 }
```

# Background

The CSS property to change the background color of an element to Hex 628630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#628630 }
```

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

```
.background{ background-color:#628630 }
```

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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