

# Converting Colors

Hex(628535)

Have a look what the booklet for  
Hex(628535) contains.

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# Color

Hex(628535)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	628535
RGB	98, 133, 53
RGB Percent	38%, 52%, 21%
CMY	0.6157, 0.4784, 0.7922
CMYK	0.26, 0.00, 0.60, 0.48
HSL	86°, 43%, 36%
HSV	86°, 60%, 52%
XYZ	14.0671, 19.6288, 6.4155
YIQ	113.4150, 4.8200, -32.3000

# Conversions

## Conversions Part 2

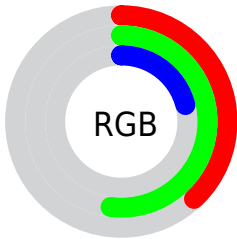
<b>Format</b>	<b>Color</b>
<b>RYB</b>	53, 133, 88
Decimal	6456629
CIELab	51.41, -26.10, 38.41
CIElCh	51, 46.437, 124.200
Yxy	19.6288, 0.3507, 0.4894
Android (android.graphics.Color)	4284646709 (0xFF628535)
YUV	113.4150, -29.7846, -13.5190
Hunter-Lab	44.3044, -20.8569, 22.4276

# Details

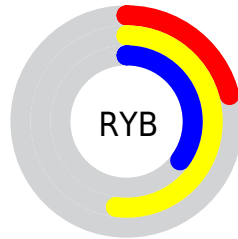
The Hex color **628535** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **583585**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **97BA67**, and **305301** is the 20% darker color. If you saturate the color by 10%, you get **5C8528**, and if you desaturate by 10%, it is **688542**.

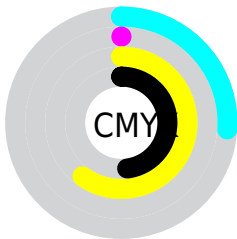
# Distribution



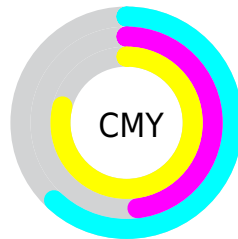
- Red (38%)
- Green (52%)
- Blue (21%)



- Red (21%)
- Yellow (52%)
- Blue (35%)



- Cyan (26%)
- Magenta (0%)
- Yellow (60%)
- Black (48%)



- Cyan (62%)
- Magenta (48%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 628535 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 628535 by changing the saturation by 10% instead.





628535



628535

FFFFFF



496C1C



97BA67



305301



B2D681



183C00



CEF39B



002600



EBFFB6



000A00



FFFFD2



000000



FFFFEF



628535



628535



5C8528



688542

■ 56851A

■ 6E8550

■ 51850D

■ 73855D

■ 4B8500

■ 79856A

■ 7F8578

■ 858585

■ 8B8592

■ 91859F

■ 9685AD

# Harmonies

## Analogous

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



8B7A26



628535



248B56

# Triad

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



628535



0088C1



C35776

# Complementary

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



628535



583585

# 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.



AF5E9E



628535



337DCA

# Square

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



628535



008DA6



846EBC



C05D50

# Rectangle

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



628535



008E71



846EBC



BF5884



# Sweetspot

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



628535



A0AD8E



855835



4E5744



D6D6D6



575757



# Same Dimension

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



628535



77AD31



3A8535



3F423C



498200



010300



# Inverse Universe

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



583585



6731AD



803585



3F3C42



390082



010003



# Previews

## White Background



This preview shows how the Hex color 628535 looks on a white background.

## Color Contrast Check

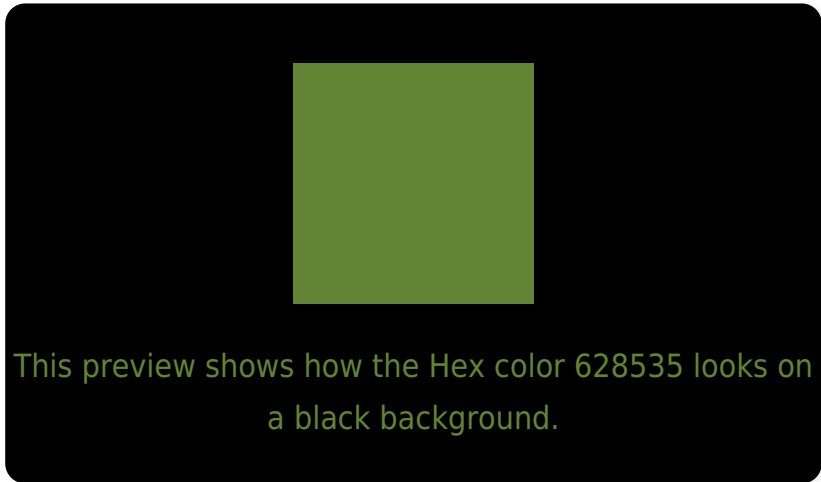
Large Text (above 18pt) WCAG AA ✓ Pass

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

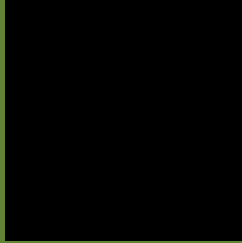
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 628535 Background



This preview shows how black text looks on a background with the Hex color 628535.



This preview shows how white text looks on a background with the Hex color 628535.

# 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**  
628535

**Protanopia**  
887A32

**Deuteranopia**  
97743A



**Tritanopia**  
6D7D87

# Trichromacy



**Original Color**  
628535

**Protanomaly**  
7A7E33

**Deuteranomaly**  
847A38

**Tritanomaly**  
698069

# Monochromacy



**Original Color**  
628535

**Achromatopsia**  
717171

**Achromatomaly**  
6C785B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 628535 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 #628535 looks like.

```
.text, #text, p{  
    color:#628535  
}
```

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 #628535 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #628535
}
```

## Border

The CSS property to change the border of an element to Hex 628535 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
#628535 }
```

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

```
.border{ border-color:#628535 }
```

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

Here you see how a box with a 4 pixel #628535 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #628535; -webkit-box-shadow:4px 4px  
4px 4px #628535; box-shadow:4px 4px 4px  
4px #628535 }
```

# Background

The CSS property to change the background color of an element to Hex 628535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#628535 }
```

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

```
.background{ background-color:#628535 }
```

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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