

# Converting Colors

Hex(625829)

Have a look what the booklet for  
Hex(625829) contains.

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# Color

Hex(625829)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	625829
RGB	98, 88, 41
RGB Percent	38%, 35%, 16%
CMY	0.6157, 0.6549, 0.8392
CMYK	0.00, 0.10, 0.58, 0.62
HSL	49°, 41%, 27%
HSV	49°, 58%, 38%
XYZ	8.9270, 9.7362, 3.5066
YIQ	85.6320, 21.0470, -12.4970

# Conversions

## Conversions Part 2

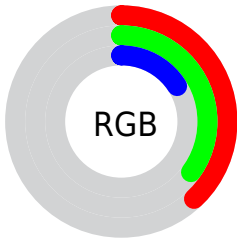
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	53, 98, 41
Decimal	6445097
CIE <sub>Lab</sub>	37.36, -2.74, 28.38
CIE <sub>LCh</sub>	37, 28.509, 95.519
Yxy	9.7362, 0.4027, 0.4392
Android (android.graphics.Color)	4284635177 (0xFF625829)
YUV	85.6320, -22.0036, 10.8467
Hunter-Lab	31.2029, -3.5373, 15.1790

# Details

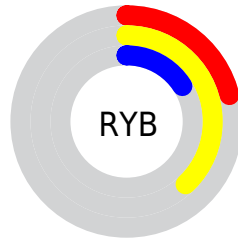
The Hex color **625829** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **293362**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **968A58**, and **322B00** is the 20% darker color. If you saturate the color by 10%, you get **62561F**, and if you desaturate by 10%, it is **625A33**.

# Distribution



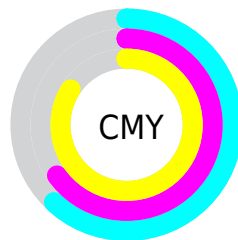
- Red (38%)
- Green (35%)
- Blue (16%)



- Red (21%)
- Yellow (38%)
- Blue (16%)



- Cyan (0%)
- Magenta (10%)
- Yellow (58%)
- Black (62%)



- Cyan (62%)
- Magenta (65%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 625829 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 625829 by changing the saturation by 10% instead.





625829



625829

FFFFFF



494113



968A58



322B00



B2A471



1A1700



CDBF8A



000000



EADBA5



FFF7C0



FFFDC0



FFFFF9



625829



625829

■ 62561F

■ 625A33

■ 625515

■ 625B3D

■ 62530C

■ 625D46

■ 625102

■ 625F50

■ 625100

■ 62615A

■ 626264

■ 62646E

■ 626677

■ 626781

# Harmonies

## Analogous

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



75502E



625829



4A5E31

# Triad

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



625829



006372



78486B

# Complementary

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



625829



293362

# 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.



60507D



625829



005F81

# Square

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



625829



00645C



3A5986



834555

# Rectangle

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



625829



37613D



3A5986



714B72



# Sweetspot

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



625829



807C6A



622933



403E33



BFBFBF



404040



# Same Dimension

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



625829



807026



506229



30302C



705D00



F0C600



# Inverse Universe

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



293362



263680



3B2962



2C2C30



001470



002AF0



# Previews

## White Background



This preview shows how the Hex color 625829 looks on a white background.

## Color Contrast Check

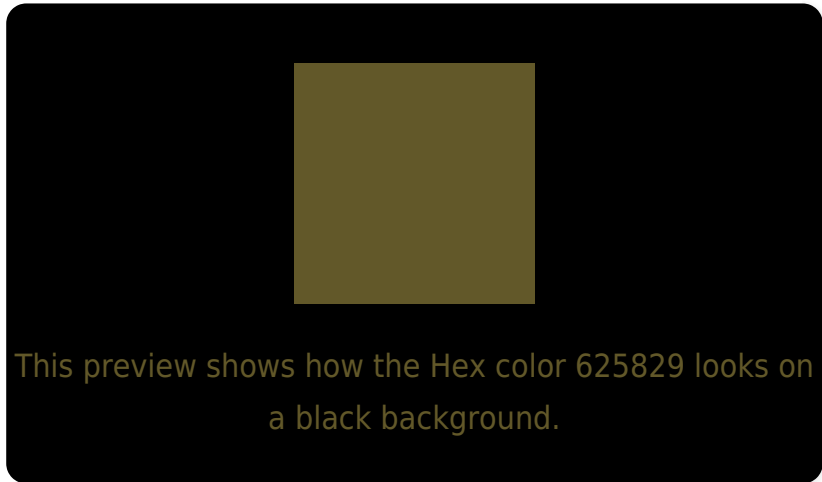
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

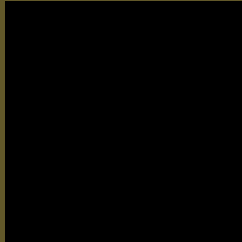
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 625829 Background



This preview shows how black text looks on a background with the Hex color 625829.



This preview shows how white text looks on a background with the Hex color 625829.

# 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**  
625829

**Protanopia**  
625829

**Deuteranopia**  
6D542A



**Tritanopia**  
665359

# Trichromacy



**Original Color**  
625829

**Protanomaly**  
625829

**Deuteranomaly**  
69552A

**Tritanomaly**  
655548

# Monochromacy



**Original Color**  
625829

**Achromatopsia**  
565656

**Achromatomaly**  
5A5746

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 625829 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 #625829 looks like.

```
.text, #text, p{  
    color:#625829  
}
```

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 #625829 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #625829
}
```

## Border

The CSS property to change the border of an element to Hex 625829 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".

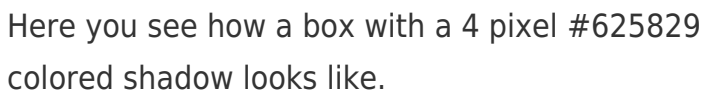
```
.border, #border, table{ border:4px solid
#625829 }
```

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

```
.border{ border-color:#625829 }
```

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

Here you see how a box with a 4 pixel #625829 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #625829; -webkit-box-shadow:4px 4px  
4px 4px #625829; box-shadow:4px 4px 4px  
4px #625829 }
```

# Background

The CSS property to change the background color of an element to Hex 625829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#625829 }
```

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

```
.background{ background-color:#625829 }
```

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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