

Converting Colors

Hex(627A33)

Have a look what the booklet for
Hex(627A33) contains.

Hex(627A33)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(627A33)

Conversions

Conversions Part 1

Format	Color
Hex	627A33
RGB	98, 122, 51
RGB Percent	38%, 48%, 20%
CMY	0.6157, 0.5216, 0.8000
CMYK	0.20, 0.00, 0.58, 0.52
HSL	80°, 41%, 34%
HSV	80°, 58%, 48%
XYZ	12.5941, 16.7548, 5.7022
YIQ	106.7300, 8.4870, -27.1690

Conversions

Conversions Part 2

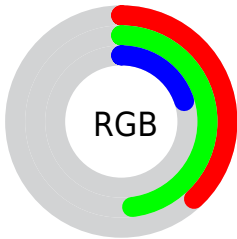
Format	Color
RYB	51, 122, 75
Decimal	6453811
CIELab	47.95, -20.74, 35.43
CIELCh	48, 41.054, 120.342
Yxy	16.7548, 0.3593, 0.4780
Android (android.graphics.Color)	4284643891 (0xFF627A33)
YUV	106.7300, -27.4749, -7.6562
Hunter-Lab	40.9326, -16.7114, 20.3933

Details

The Hex color **627A33** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4B337A**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **96AE64**, and **314901** is the 20% darker color. If you saturate the color by 10%, you get **5E7A27**, and if you desaturate by 10%, it is **667A3F**.

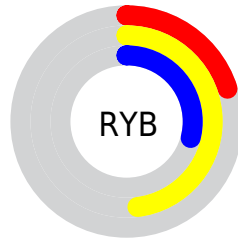
Distribution



Red (38%)

Green (48%)

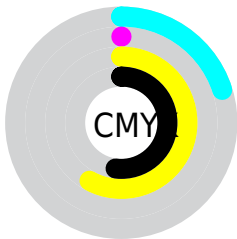
Blue (20%)



Red (20%)

Yellow (48%)

Blue (29%)

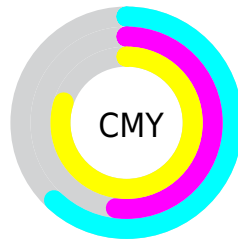


Cyan (20%)

Magenta (0%)

Yellow (58%)

Black (52%)



Cyan (62%)

Magenta (52%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 627A33 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 627A33 by changing the saturation by 10% instead.



627A33



627A33

FFFFFF



49611B



96AE64



314901



B2CA7E



1A3200



CEE698



001E00



EAFFB3



000000



FFFFCF



FFFFEB



627A33



627A33



5E7A27



667A3F

■ 5A7A1B

■ 6A7A4B

■ 567A0E

■ 6E7A58

■ 527A02

■ 727A64

■ 517A00

■ 777A70

■ 7B7A7C

■ 7F7A88

■ 837A95

■ 877AA1

Harmonies

Analogous

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



857029



627A33



33804E

Triad

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



627A33



007EAD



B05473

Complementary

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



627A33



4B337A

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.



9D5B95



627A33



2C75B7

Square

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



627A33



008294



7469AE



B05851

Rectangle

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



627A33



008265



7469AE



AC557F

Sweetspot

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



627A33



959E83



7A4B33



4A4F3F



CFCFCF



4F4F4F

Same Dimension

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



627A33



799E2F



3F7A33



3B3D37



537D00



A7FC00

Inverse Universe

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



4B337A



552F9E



6E337A



39373D



2A007D



5500FC

Previews

White Background



This preview shows how the Hex color 627A33 looks on a white background.

Color Contrast Check

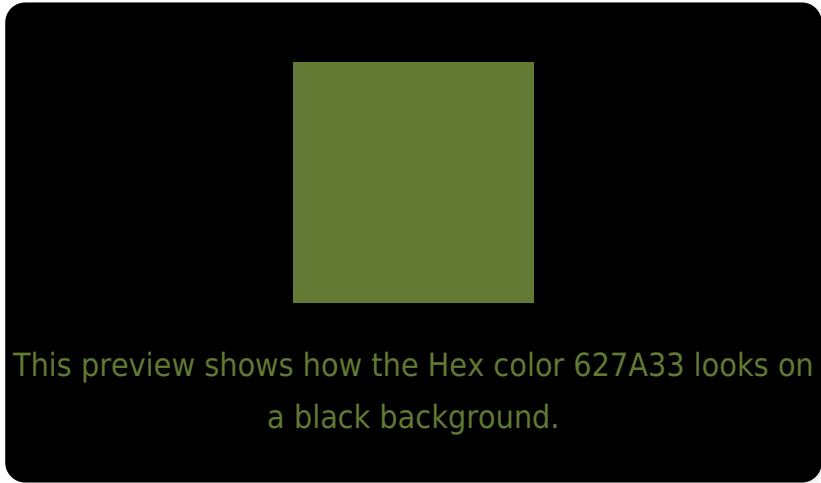
Large Text (above 18pt) WCAG AA ✓ Pass

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 × 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 627A33 Background



This preview shows how black text looks on a background with the Hex color 627A33.



This preview shows how white text looks on a background with the Hex color 627A33.

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
627A33

Protanopia
7E7231

Deuteranopia
8C6C37



Tritanopia
6B727C

Trichromacy



Original Color
627A33

Protanomaly
747532

Deuteranomaly
7D7136

Tritanomaly
687561

Monochromacy



Original Color
627A33

Achromatopsia
6B6B6B

Achromatomaly
687057

CSS Examples

Text

The CSS property to change the color of the text to Hex 627A33 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 #627A33 looks like.

```
.text, #text, p{  
    color:#627A33  
}
```

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 #627A33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #627A33
}
```

Border

The CSS property to change the border of an element to Hex 627A33 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
#627A33 }
```

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

```
.border{ border-color:#627A33 }
```

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

Here you see how a box with a 4 pixel #627A33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #627A33; -webkit-box-shadow:4px 4px  
4px 4px #627A33; box-shadow:4px 4px 4px  
4px #627A33 }
```

Background

The CSS property to change the background color of an element to Hex 627A33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#627A33 }
```

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

```
.background{ background-color:#627A33 }
```

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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