

Converting Colors

Hex(627A30)

Have a look what the booklet for
Hex(627A30) contains.

Hex(627A30)	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(627A30)

Conversions

Conversions Part 1

Format	Color
Hex	627A30
RGB	98, 122, 48
RGB Percent	38%, 48%, 19%
CMY	0.6157, 0.5216, 0.8118
CMYK	0.20, 0.00, 0.61, 0.52
HSL	79°, 44%, 33%
HSV	79°, 61%, 48%
XYZ	12.5300, 16.7291, 5.3649
YIQ	106.3880, 9.4500, -28.1020

Conversions

Conversions Part 2

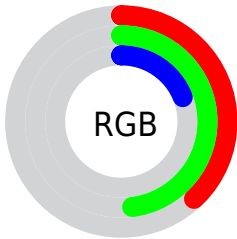
Format	Color
RYB	48, 122, 72
Decimal	6453808
CIELab	47.92, -21.03, 36.88
CIElCh	48, 42.455, 119.694
Yxy	16.7291, 0.3619, 0.4832
Android (android.graphics.Color)	4284643888 (0xFF627A30)
YUV	106.3880, -28.7853, -7.3563
Hunter-Lab	40.9013, -16.8940, 20.8539

Details

The Hex color **627A30** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **48307A**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **97AE61**, and **304900** is the 20% darker color. If you saturate the color by 10%, you get **5E7A24**, and if you desaturate by 10%, it is **667A3C**.

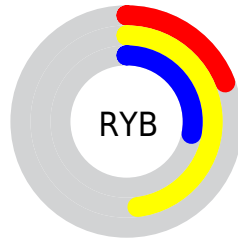
Distribution



Red (38%)

Green (48%)

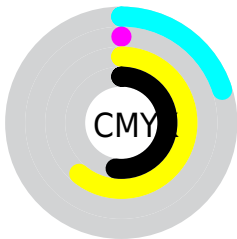
Blue (19%)



Red (19%)

Yellow (48%)

Blue (28%)

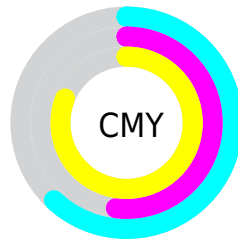


Cyan (20%)

Magenta (0%)

Yellow (61%)

Black (52%)



Cyan (62%)

Magenta (52%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 627A30 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 627A30 by changing the saturation by 10% instead.

■ 627A30

■ 627A30

FFFFFF

■ 496118

■ 97AE61

■ 304900

■ B2CA7B

■ 193200

■ CEE695

■ 001F00

■ EAFFB0

■ 000000

■ FFFFCC

■ FFFFEE

■ 627A30

■ 627A30

■ 5E7A24

■ 667A3C

■ 5A7A18

■ 6A7A48

■ 567A0B

■ 6E7A55

■ 527A00

■ 727A61

■ 767A6D

■ 7A7A79

■ 7E7A85

■ 827A92

■ 867A9E

Harmonies

Analogous

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



867026



627A30



31804C

Triad

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



627A30



007FAF



B25274

Complementary

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



627A30



48307A

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.



9D5A96



627A30



2176B9

Square

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



627A30



008394



7268B0



B25650

Rectangle

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



627A30



008364



7268B0



AD5480

Sweetspot

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



627A30



959E82



7A4730



494F3E



CFCFCF



4F4F4F

Same Dimension

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



627A30



799E2B



3E7A30



3B3D37



547D00



ABFC00

Inverse Universe

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



48307A



502B9E



6C307A



39373D



29007D



5200FC

Previews

White Background



This preview shows how the Hex color 627A30 looks on a white background.

Color Contrast Check

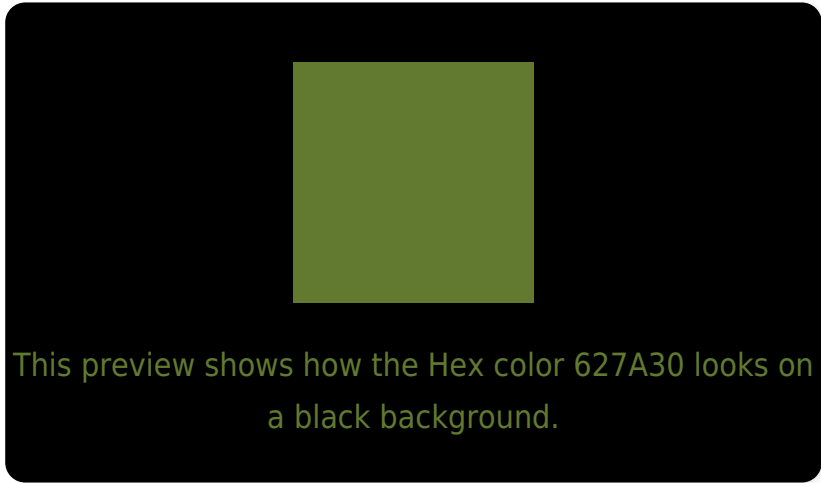
Large Text (above 18pt) WCAG AA ✓ Pass

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

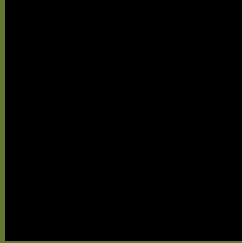
Any Text WCAG AA × Fail

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 627A30 Background



This preview shows how black text looks on a background with the Hex color 627A30.



This preview shows how white text looks on a background with the Hex color 627A30.

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
627A30

Protanopia
7E722E

Deuteranopia
8C6C34



Tritanopia
6B727B

Trichromacy



Original Color
627A30

Protanomaly
74752F

Deuteranomaly
7D7133

Tritanomaly
687560

Monochromacy



Original Color
627A30

Achromatopsia
6A6A6A

Achromatomaly
677055

CSS Examples

Text

The CSS property to change the color of the text to Hex 627A30 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 #627A30 looks like.

```
.text, #text, p{  
    color:#627A30  
}
```

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 #627A30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #627A30
}
```

Border

The CSS property to change the border of an element to Hex 627A30 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
#627A30 }
```

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

```
.border{ border-color:#627A30 }
```

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

Here you see how a box with a 4 pixel #627A30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #627A30; -webkit-box-shadow:4px 4px  
4px 4px #627A30; box-shadow:4px 4px 4px  
4px #627A30 }
```

Background

The CSS property to change the background color of an element to Hex 627A30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#627A30 }
```

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

```
.background{ background-color:#627A30 }
```

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