

Converting Colors

Hex(628A27)

Have a look what the booklet for
Hex(628A27) contains.

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Color

Hex(628A27)

Conversions

Conversions Part 1

Format	Color
Hex	628A27
RGB	98, 138, 39
RGB Percent	38%, 54%, 15%
CMY	0.6157, 0.4588, 0.8471
CMYK	0.29, 0.00, 0.72, 0.46
HSL	84°, 56%, 35%
HSV	84°, 72%, 54%
XYZ	14.4917, 20.9201, 5.1936
YIQ	114.7540, 7.9390, -39.2690

Conversions

Conversions Part 2

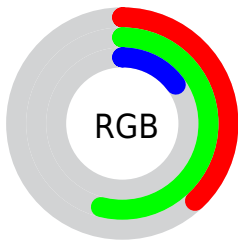
Format	Color
R_{YB}	39, 138, 79
Decimal	6457895
CIE _{Lab}	52.86, -29.70, 46.19
CIE _{LCh}	53, 54.921, 122.742
Yxy	20.9201, 0.3569, 0.5152
Android (android.graphics.Color)	4284647975 (0xFF628A27)
YUV	114.7540, -37.3467, -14.6933
Hunter-Lab	45.7385, -23.4868, 25.2845

Details

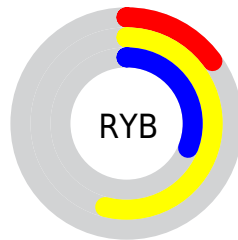
The Hex color **628A27** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **4F278A**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **98C05A**, and **2E5800** is the 20% darker color. If you saturate the color by 10%, you get **5C8A19**, and if you desaturate by 10%, it is **688A35**.

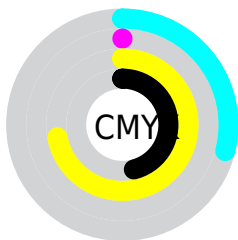
Distribution



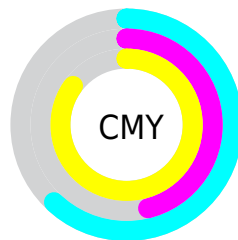
- Red (38%)
- Green (54%)
- Blue (15%)



- Red (15%)
- Yellow (54%)
- Blue (31%)



- Cyan (29%)
- Magenta (0%)
- Yellow (72%)
- Black (46%)



- Cyan (62%)
- Magenta (46%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 628A27 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 628A27 by changing the saturation by 10% instead.



628A27



628A27

FFFFFF



487008



98C05A



2E5800



B3DC74



134000



D0F88F



002A00



EDFFAA



001200



FFFFC6



000000



FFFFE3



628A27



628A27



5C8A19



688A35

■ 578A0B

■ 6D8A43

■ 528A00

■ 738A50

■ 788A5E

■ 7E8A6C

■ 838A7A

■ 898A88

■ 8F8A95

■ 948AA3

Harmonies

Analogous

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



927D11



628A27



009151

Triad

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



628A27



008ED2



D2507C

Complementary

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



628A27



4F278A

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.



BA5BAA



628A27



0082DD

Square

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



628A27



0094B0



8470CE



CF594E

Rectangle

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



628A27



009471



8470CE



CD528C

Sweetspot

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



628A27



A3B38B



8A4F27



505942



D9D9D9



595959

Same Dimension

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



628A27



74B319



318A27



42453E



4F8500



030500

Inverse Universe

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



4F278A



5719B3



80278A



413E45



360085



020005

Previews

White Background



This preview shows how the Hex color 628A27 looks on a white background.

Color Contrast Check

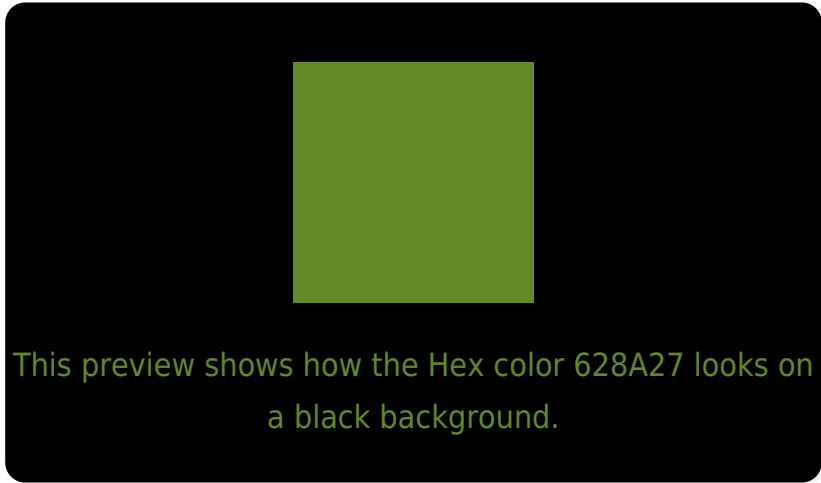
Large Text (above 18pt) WCAG AA ✓ Pass

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 628A27 Background



This preview shows how black text looks on a background with the Hex color 628A27.



This preview shows how white text looks on a background with the Hex color 628A27.

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
628A27

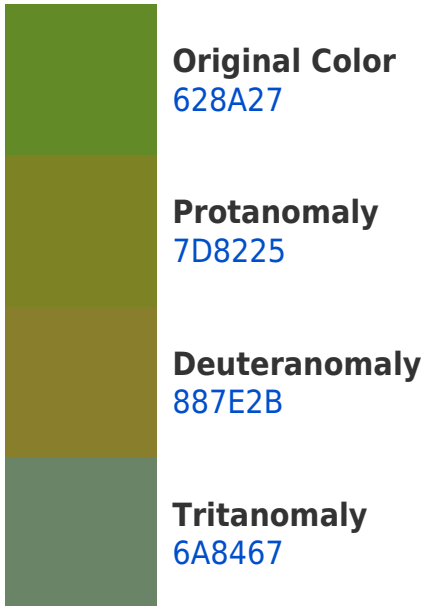
Protanopia
8D7E24

Deuteranopia
9D772E



Tritanopia
6E818B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 628A27 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 #628A27 looks like.

```
.text, #text, p{  
    color:#628A27  
}
```

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 #628A27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #628A27  
}
```

Border

The CSS property to change the border of an element to Hex 628A27 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  
#628A27 }
```

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

```
.border{ border-color:#628A27 }
```

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

Here you see how a box with a 4 pixel #628A27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #628A27; -webkit-box-shadow:4px 4px  
4px 4px #628A27; box-shadow:4px 4px 4px  
4px #628A27 }
```

Background

The CSS property to change the background color of an element to Hex 628A27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#628A27 }
```

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

```
.background{ background-color:#628A27 }
```

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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