

Converting Colors

Hex(628812)

Have a look what the booklet for
Hex(628812) contains.

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Color

Hex(628812)

Conversions

Conversions Part 1

Format	Color
Hex	628812
RGB	98, 136, 18
RGB Percent	38%, 53%, 7%
CMY	0.6157, 0.4667, 0.9294
CMYK	0.28, 0.00, 0.87, 0.47
HSL	79°, 77%, 30%
HSV	79°, 87%, 53%
XYZ	13.9503, 20.2487, 3.7454
YIQ	111.1860, 15.2300, -44.7540

Conversions

Conversions Part 2

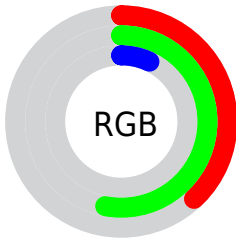
Format	Color
RYB	18, 136, 56
Decimal	6457362
CIELab	52.12, -29.86, 52.40
CIELCh	52, 60.311, 119.679
Yxy	20.2487, 0.3677, 0.5336
Android (android.graphics.Color)	4284647442 (0xFF628812)
YUV	111.1860, -45.9407, -11.5641
Hunter-Lab	44.9985, -23.4092, 26.5640

Details

The Hex color **628812** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **381288**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **98BE4B**, and **2E5600** is the 20% darker color. If you saturate the color by 10%, you get **5E8804**, and if you desaturate by 10%, it is **668820**.

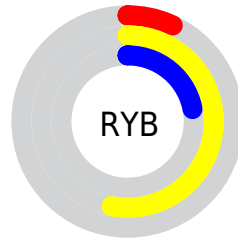
Distribution



Red (38%)

Green (53%)

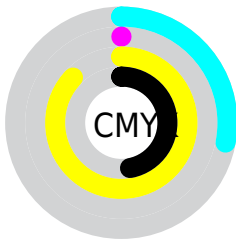
Blue (7%)



Red (7%)

Yellow (53%)

Blue (22%)

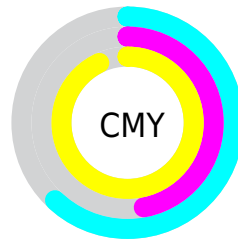


Cyan (28%)

Magenta (0%)

Yellow (87%)

Black (47%)



Cyan (62%)

Magenta (47%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 628812 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 628812 by changing the saturation by 10% instead.

 628812

 628812

FFFFFF

 486E00

 98BE4B

 2E5600

 B4D965

 103E00

 D1F680

 002800

 EEFF9B

 000E00

 FFFFB7

 000000

 FFFFD3

 FFFFF0

 628812

 628812

■ 5E8804

■ 668820

■ 5C8800

■ 6B882D

■ 6F883B

■ 748848

■ 788856

■ 7C8864

■ 818871

■ 85887F

■ 89888C

Harmonies

Analogous

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



957A00



628812



009045

Triad

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



628812



008FD5



D6477F

Complementary

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



628812



381288

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.



B956B1



628812



0083E4

Square

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



628812



0094AE



796FD7



D54F4C

Rectangle

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



628812



009368



796FD7



D04A90

Sweetspot

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



628812



A1B082



883712



50593E



D9D9D9



595959

Same Dimension

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



628812



77B000



288812



43453E



5A8500



030500

Inverse Universe

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



381288



3900B0



721288



403E45



2B0085



020005

Previews

White Background



This preview shows how the Hex color 628812 looks on a white background.

Color Contrast Check

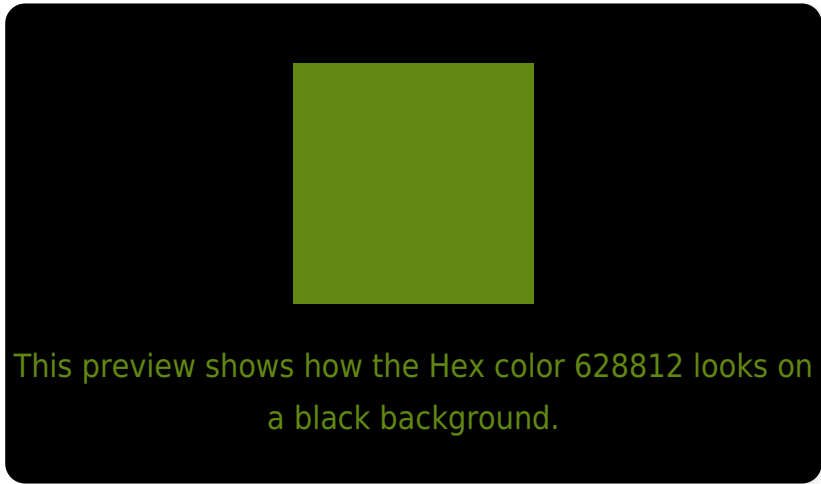
Large Text (above 18pt) WCAG AA ✓ Pass

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

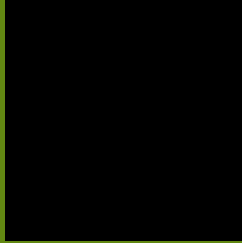
Any Text WCAG AA ✓ Pass

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 628812 Background



This preview shows how black text looks on a background with the Hex color 628812.



This preview shows how white text looks on a background with the Hex color 628812.

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
628812

Protanopia
8C7C0E

Deuteranopia
9C761E



Tritanopia
6F7F89

Trichromacy



Original Color
628812

Protanomaly
7D800F

Deuteranomaly
877D1A

Tritanomaly
6A825E

Monochromacy



Original Color
628812

Achromatopsia
6F6F6F

Achromatomaly
6A784D

CSS Examples

Text

The CSS property to change the color of the text to Hex 628812 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 #628812 looks like.

```
.text, #text, p{  
    color:#628812  
}
```

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 #628812 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #628812
}
```

Border

The CSS property to change the border of an element to Hex 628812 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
#628812 }
```

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

```
.border{ border-color:#628812 }
```

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

Here you see how a box with a 4 pixel #628812 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #628812; -webkit-box-shadow:4px 4px  
4px 4px #628812; box-shadow:4px 4px 4px  
4px #628812 }
```

Background

The CSS property to change the background color of an element to Hex 628812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#628812 }
```

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

```
.background{ background-color:#628812 }
```

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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