

Converting Colors

Hex(628B2F)

Have a look what the booklet for
Hex(628B2F) contains.

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Color

Hex(628B2F)

Conversions

Conversions Part 1

Format	Color
Hex	628B2F
RGB	98, 139, 47
RGB Percent	38%, 55%, 18%
CMY	0.6157, 0.4549, 0.8157
CMYK	0.29, 0.00, 0.66, 0.45
HSL	87°, 49%, 36%
HSV	87°, 66%, 55%
XYZ	14.7827, 21.2671, 6.0152
YIQ	116.2530, 5.0960, -37.3040

Conversions

Conversions Part 2

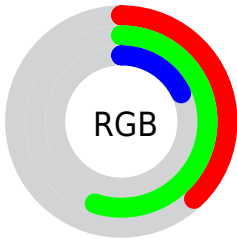
Format	Color
RYB	47, 139, 88
Decimal	6458159
CIELab	53.24, -29.56, 43.21
CIELCh	53, 52.353, 124.377
Yxy	21.2671, 0.3514, 0.5056
Android (android.graphics.Color)	4284648239 (0xFF628B2F)
YUV	116.2530, -34.1417, -16.0079
Hunter-Lab	46.1163, -23.4849, 24.5480

Details

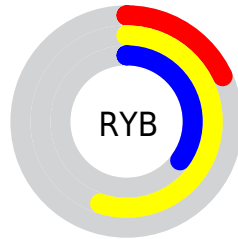
The Hex color **628B2F** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **582F8B**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **97C162**, and **2E5900** is the 20% darker color. If you saturate the color by 10%, you get **5C8B21**, and if you desaturate by 10%, it is **688B3D**.

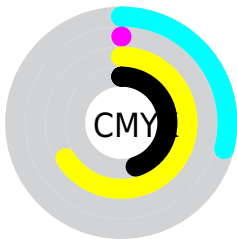
Distribution



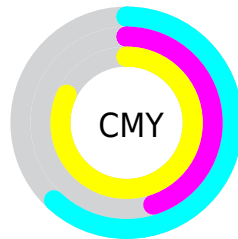
- Red (38%)
- Green (55%)
- Blue (18%)



- Red (18%)
- Yellow (55%)
- Blue (35%)



- Cyan (29%)
- Magenta (0%)
- Yellow (66%)
- Black (45%)



- Cyan (62%)
- Magenta (45%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 628B2F 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 628B2F by changing the saturation by 10% instead.



628B2F



628B2F

FFFFFF



487114



97C162



2E5900



B3DD7C



154100



CFF996



002A00



ECFFB2



001300



FFFFCD



000000



FFFFEA



628B2F



628B2F



5C8B21



688B3D

■ 568B13

■ 6E8B4B

■ 4F8B05

■ 758B59

■ 4D8B00

■ 7B8B67

■ 818B75

■ 878B82

■ 8D8B90

■ 948B9E

■ 9A8BAC

Harmonies

Analogous

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



917F1B



628B2F



089256

Triad

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



628B2F



008ED0



D0557A

Complementary

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



628B2F



582F8B

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.



BB5EA7



628B2F



1D82D9

Square

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



628B2F



0094B1



8970CA



CC5D4F

Rectangle

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



628B2F



009475



8970CA



CC568A

Sweetspot

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



628B2F



A5B591



8B572F



525C46



DBDBDB



5C5C5C

Same Dimension

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



628B2F



75B526



358B2F



42453E



4A8500



030500

Inverse Universe

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



582F8B



6626B5



852F8B



413E45



3B0085



020005

Previews

White Background



This preview shows how the Hex color 628B2F looks on a white background.

Color Contrast Check

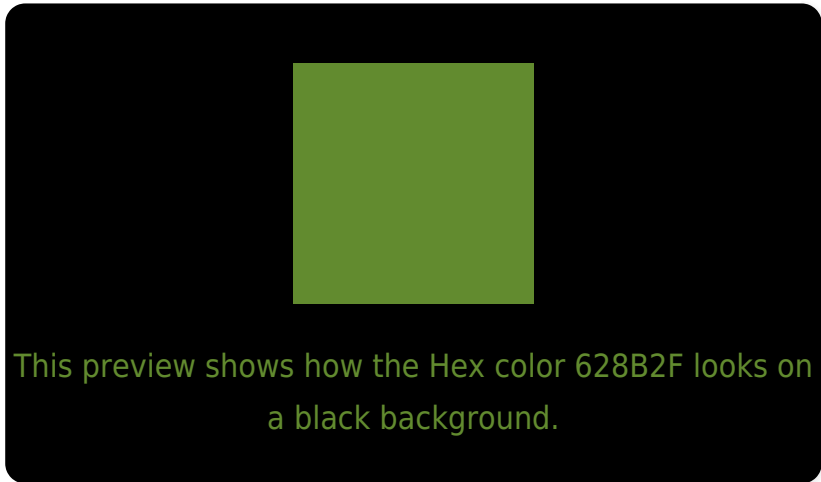
Large Text (above 18pt) WCAG AA ✓ Pass

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 628B2F Background



This preview shows how black text looks on a background with the Hex color 628B2F.



This preview shows how white text looks on a background with the Hex color 628B2F.

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](#).

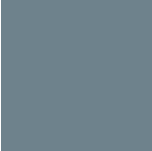
Dichromacy



Original Color
628B2F

Protanopia
8E7F2C

Deuteranopia
9D7835



Tritanopia
6E828C

Trichromacy



Original Color
628B2F

Protanomaly
7E832D

Deuteranomaly
887F33

Tritanomaly
6A856A

Monochromacy



Original Color
628B2F

Achromatopsia
747474

Achromatomaly
6D7C5B

CSS Examples

Text

The CSS property to change the color of the text to Hex 628B2F 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 #628B2F looks like.

```
.text, #text, p{  
    color:#628B2F  
}
```

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 #628B2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #628B2F
}
```

Border

The CSS property to change the border of an element to Hex 628B2F 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
#628B2F }
```

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

```
.border{ border-color:#628B2F }
```

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

Here you see how a box with a 4 pixel #628B2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #628B2F; -webkit-box-shadow:4px 4px  
4px 4px #628B2F; box-shadow:4px 4px 4px  
4px #628B2F }
```

Background

The CSS property to change the background color of an element to Hex 628B2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#628B2F }
```

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

```
.background{ background-color:#628B2F }
```

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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