

Converting Colors

Hex(628E11)

Have a look what the booklet for
Hex(628E11) contains.

Hex(628E11)	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(628E11)

Conversions

Conversions Part 1

Format	Color
Hex	628E11
RGB	98, 142, 17
RGB Percent	38%, 56%, 7%
CMY	0.6157, 0.4431, 0.9333
CMYK	0.31, 0.00, 0.88, 0.44
HSL	81°, 79%, 31%
HSV	81°, 88%, 56%
XYZ	14.8112, 21.9831, 3.9929
YIQ	114.5940, 13.9010, -48.2030

Conversions

Conversions Part 2

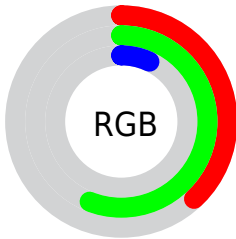
Format	Color
RYB	17, 142, 61
Decimal	6458897
CIELab	54.01, -32.70, 54.26
CIElCh	54, 63.351, 121.076
Yxy	21.9831, 0.3631, 0.5390
Android (android.graphics.Color)	4284648977 (0xFF628E11)
YUV	114.5940, -48.1138, -14.5529
Hunter-Lab	46.8862, -25.6633, 27.7712

Details

The Hex color **628E11** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **3D118E**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **99C44C**, and **2D5B00** is the 20% darker color. If you saturate the color by 10%, you get **5D8E03**, and if you desaturate by 10%, it is **678E1F**.

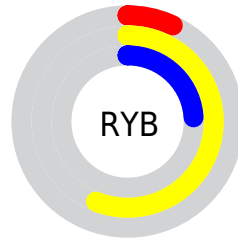
Distribution



Red (38%)

Green (56%)

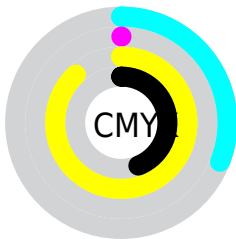
Blue (7%)



Red (7%)

Yellow (56%)

Blue (24%)

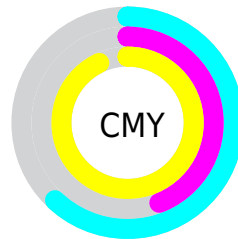


Cyan (31%)

Magenta (0%)

Yellow (88%)

Black (44%)



Cyan (62%)

Magenta (44%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 628E11 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 628E11 by changing the saturation by 10% instead.



628E11



628E11

FFFFFF



477400



99C44C



2D5B00



B5E066



0D4300



D1FD81



002D00



FFFF9C



001700



FFFFB8



000000



FFFFD5



FFFFF2



628E11



628E11

■ 5D8E03

■ 678E1F

■ 5C8E00

■ 6C8E2D

■ 718E3C

■ 768E4A

■ 7B8E58

■ 808E66

■ 858E74

■ 8A8E83

■ 8F8E91

Harmonies

Analogous

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



997F00



628E11



009649

Triad

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



628E11



0094E1



E04781

Complementary

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



628E11



3D118E

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.



C457B7



628E11



0087EF

Square

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



628E11



009AB8



8172DF



DE524C

Rectangle

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



628E11



00996E



8172DF



DA4A94

Sweetspot

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



628E11



A7B888



8E3D11



525C3F



DBDBDB



5C5C5C

Same Dimension

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



628E11



77B800



248E11



454740



588700



050800

Inverse Universe

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



3D118E



4100B8



7B118E



434047



300087



030008

Previews

White Background



This preview shows how the Hex color 628E11 looks on a white background.

Color Contrast Check

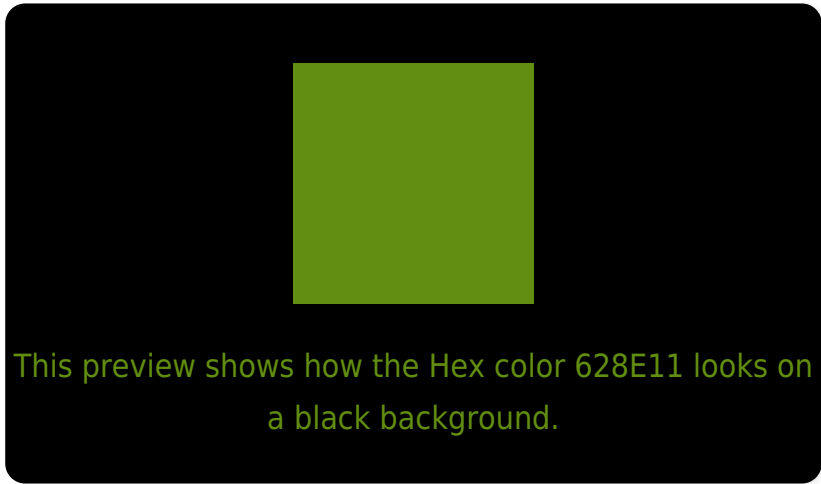
Large Text (above 18pt) WCAG AA ✓ Pass

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 628E11 Background



This preview shows how black text looks on a background with the Hex color 628E11.



This preview shows how white text looks on a background with the Hex color 628E11.

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](#).

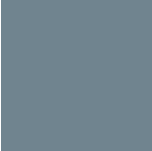
Dichromacy



Original Color
628E11

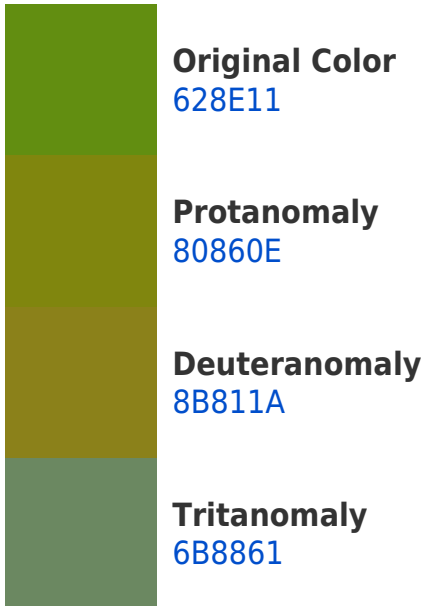
Protanopia
91810C

Deuteranopia
A27A1F



Tritanopia
70848F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 628E11 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 #628E11 looks like.

```
.text, #text, p{  
    color:#628E11  
}
```

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 #628E11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #628E11
}
```

Border

The CSS property to change the border of an element to Hex 628E11 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
#628E11 }
```

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

```
.border{ border-color:#628E11 }
```

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

Here you see how a box with a 4 pixel #628E11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #628E11; -webkit-box-shadow:4px 4px  
4px 4px #628E11; box-shadow:4px 4px 4px  
4px #628E11 }
```

Background

The CSS property to change the background color of an element to Hex 628E11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#628E11 }
```

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

```
.background{ background-color:#628E11 }
```

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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