

Converting Colors

Hex(628E18)

Have a look what the booklet for
Hex(628E18) contains.

Hex(628E18)	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(628E18)

Conversions

Conversions Part 1

Format	Color
Hex	628E18
RGB	98, 142, 24
RGB Percent	38%, 56%, 9%
CMY	0.6157, 0.4431, 0.9059
CMYK	0.31, 0.00, 0.83, 0.44
HSL	82°, 71%, 33%
HSV	82°, 83%, 56%
XYZ	14.8749, 22.0086, 4.3283
YIQ	115.3920, 11.6540, -46.0260

Conversions

Conversions Part 2

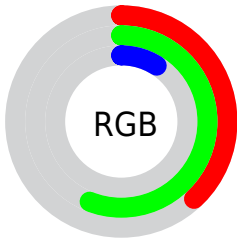
Format	Color
R_{YB}	24, 142, 68
Decimal	6458904
CIE _{Lab}	54.04, -32.43, 52.49
CIE _{LCh}	54, 61.705, 121.708
Yxy	22.0086, 0.3609, 0.5340
Android (android.graphics.Color)	4284648984 (0xFF628E18)
YUV	115.3920, -45.0563, -15.2528
Hunter-Lab	46.9133, -25.5011, 27.3692

Details

The Hex color **628E18** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **44188E**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **98C450**, and **2D5B00** is the 20% darker color. If you saturate the color by 10%, you get **5D8E0A**, and if you desaturate by 10%, it is **678E26**.

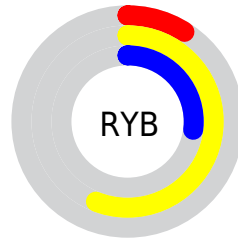
Distribution



Red (38%)

Green (56%)

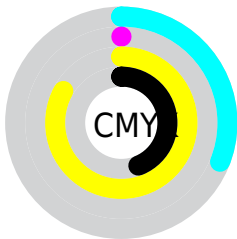
Blue (9%)



Red (9%)

Yellow (56%)

Blue (27%)

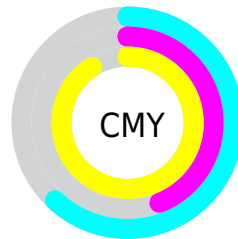


Cyan (31%)

Magenta (0%)

Yellow (83%)

Black (44%)



Cyan (62%)

Magenta (44%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 628E18 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 628E18 by changing the saturation by 10% instead.



628E18



628E18

FFFFFF



477400



98C450



2D5B00



B5E06A



0F4300



D1FD85



002D00



EEFFA0



001700



FFFFBC



000000



FFFFD9



FFFFF6



628E18



628E18

■ 5D8E0A

■ 678E26

■ 598E00

■ 6D8E34

■ 728E43

■ 778E51

■ 7C8E5F

■ 828E6D

■ 878E7B

■ 8C8E8A

■ 928E98

Harmonies

Analogous

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



988000



628E18



00964C

Triad

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



628E18



0093DF



DE4A80

Complementary

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



628E18



44188E

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.



C359B5



628E18



0087EC

Square

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



628E18



0099B8



8472DC



DB544C

Rectangle

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



628E18



009970



8472DC



D94C92

Sweetspot

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



628E18



A6B88A



8E4318



525C40



DBDBDB



5C5C5C

Same Dimension

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



628E18



73B800



288E18



454740



558700



050800

Inverse Universe

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



44188E



4400B8



7E188E



434047



320087



030008

Previews

White Background



This preview shows how the Hex color 628E18 looks on a white background.

Color Contrast Check

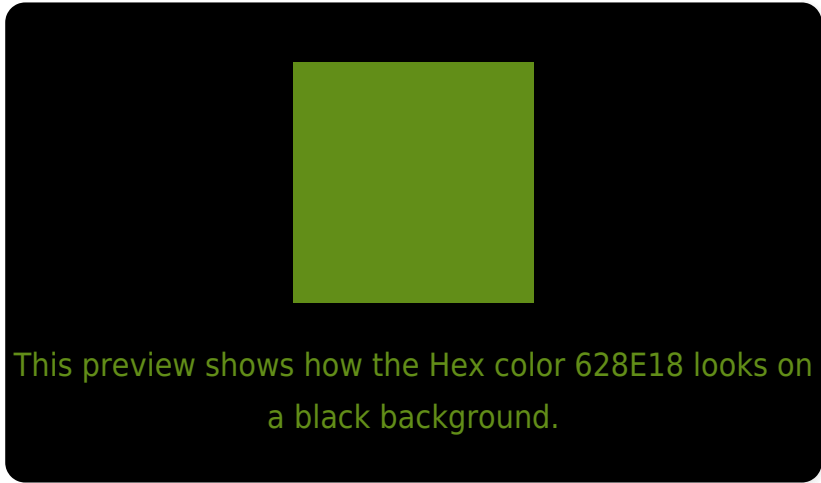
Large Text (above 18pt) WCAG AA ✓ Pass

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 628E18 Background



This preview shows how black text looks on a background with the Hex color 628E18.



This preview shows how white text looks on a background with the Hex color 628E18.

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](#).

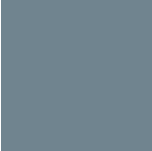
Dichromacy



Original Color
628E18

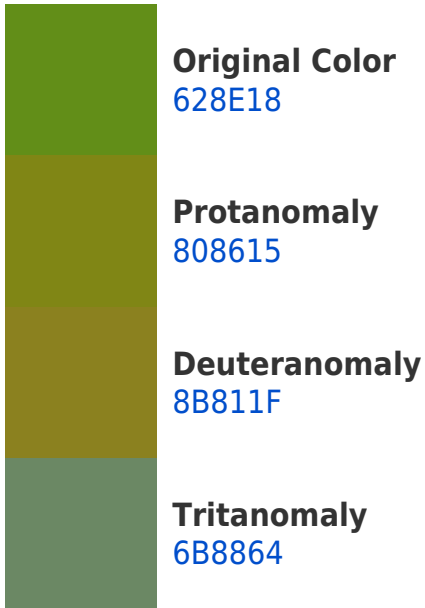
Protanopia
918114

Deuteranopia
A27A23



Tritanopia
70848F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 628E18 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 #628E18 looks like.

```
.text, #text, p{  
    color:#628E18  
}
```

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 #628E18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #628E18
}
```

Border

The CSS property to change the border of an element to Hex 628E18 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
#628E18 }
```

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

```
.border{ border-color:#628E18 }
```

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

Here you see how a box with a 4 pixel #628E18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #628E18; -webkit-box-shadow:4px 4px  
4px 4px #628E18; box-shadow:4px 4px 4px  
4px #628E18 }
```

Background

The CSS property to change the background color of an element to Hex 628E18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#628E18 }
```

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

```
.background{ background-color:#628E18 }
```

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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