

Converting Colors

Hex(628E34)

Have a look what the booklet for
Hex(628E34) contains.

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Color

Hex(628E34)

Conversions

Conversions Part 1

Format	Color
Hex	628E34
RGB	98, 142, 52
RGB Percent	38%, 56%, 20%
CMY	0.6157, 0.4431, 0.7961
CMYK	0.31, 0.00, 0.63, 0.44
HSL	89°, 46%, 38%
HSV	89°, 63%, 56%
XYZ	15.3298, 22.1906, 6.7241
YIQ	118.5840, 2.6660, -37.3180

Conversions

Conversions Part 2

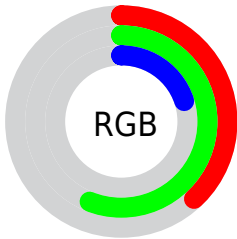
Format	Color
RYB	52, 142, 96
Decimal	6458932
CIELab	54.23, -30.54, 42.03
CIELCh	54, 51.956, 126.005
Yxy	22.1906, 0.3465, 0.5015
Android (android.graphics.Color)	4284649012 (0xFF628E34)
YUV	118.5840, -32.8259, -18.0522
Hunter-Lab	47.1069, -24.3484, 24.5118

Details

The Hex color **628E34** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **60348E**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **97C466**, and **2E5B00** is the 20% darker color. If you saturate the color by 10%, you get **5B8E26**, and if you desaturate by 10%, it is **698E42**.

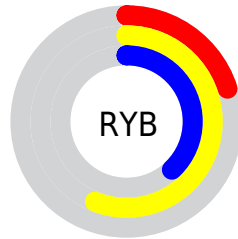
Distribution



Red (38%)

Green (56%)

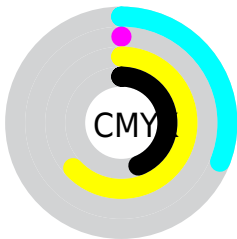
Blue (20%)



Red (20%)

Yellow (56%)

Blue (38%)

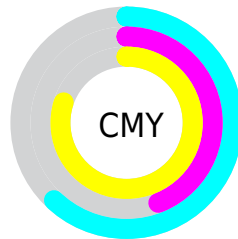


Cyan (31%)

Magenta (0%)

Yellow (63%)

Black (44%)



Cyan (62%)

Magenta (44%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 628E34 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 628E34 by changing the saturation by 10% instead.



628E34



628E34

FFFFFF



48741A



97C466



2E5B00



B3E080



154300



CFFD9B



002D00



ECFFB7



001700



FFFFD3



000000



FFFFEF



628E34



628E34



5B8E26



698E42

■ 548E18

■ 708E50

■ 4D8E09

■ 778E5F

■ 498E00

■ 7E8E6D

■ 858E7B

■ 8C8E89

■ 938E97

■ 9A8EA6

■ A08EB4

Harmonies

Analogous

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



91821F



628E34



03955B

Triad

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



628E34



0090D3



D3587A

Complementary

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



628E34



60348E

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.



BF60A7



628E34



3084DB

Square

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



628E34



0096B5



8F72CB



CE614F

Rectangle

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



628E34



00977A



8F72CB



CF598A

Sweetspot

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



628E34



A7B895



8E6034



515C47



DBDBDB



5C5C5C

Same Dimension

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



628E34



73B82C



358E34



444740



458700



040800

Inverse Universe

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



60348E



702CB8



8D348E



444047



420087



040008

Previews

White Background



This preview shows how the Hex color 628E34 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 628E34 Background



This preview shows how black text looks on a background with the Hex color 628E34.

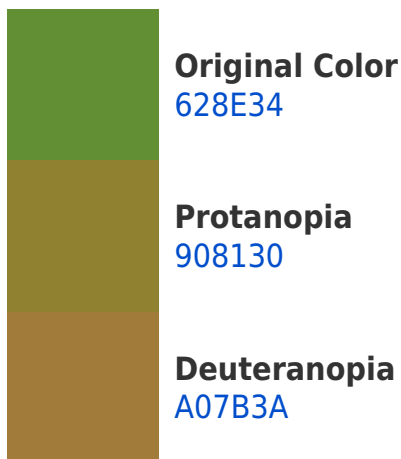


This preview shows how white text looks on a background with the Hex color 628E34.

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





Tritanopia
6F8590

Trichromacy



Original Color
628E34

Protanomaly
7F8631

Deuteranomaly
898238

Tritanomaly
6A886F

Monochromacy



Original Color
628E34

Achromatopsia
777777

Achromatomaly
6F7F5F

CSS Examples

Text

The CSS property to change the color of the text to Hex 628E34 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 #628E34 looks like.

```
.text, #text, p{  
    color:#628E34  
}
```

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 #628E34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #628E34
}
```

Border

The CSS property to change the border of an element to Hex 628E34 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
#628E34 }
```

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

```
.border{ border-color:#628E34 }
```

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

Here you see how a box with a 4 pixel #628E34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #628E34; -webkit-box-shadow:4px 4px  
4px 4px #628E34; box-shadow:4px 4px 4px  
4px #628E34 }
```

Background

The CSS property to change the background color of an element to Hex 628E34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#628E34 }
```

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

```
.background{ background-color:#628E34 }
```

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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