

Converting Colors

Hex(628721)

Have a look what the booklet for
Hex(628721) contains.

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Color

Hex(628721)

Conversions

Conversions Part 1

Format	Color
Hex	628721
RGB	98, 135, 33
RGB Percent	38%, 53%, 13%
CMY	0.6157, 0.4706, 0.8706
CMYK	0.27, 0.00, 0.76, 0.47
HSL	82°, 61%, 33%
HSV	82°, 76%, 53%
XYZ	13.9755, 20.0344, 4.5693
YIQ	112.3090, 10.6900, -39.5660

Conversions

Conversions Part 2

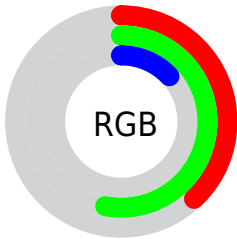
Format	Color
RYB	33, 135, 70
Decimal	6457121
CIELab	51.88, -28.67, 47.53
CIElCh	52, 55.502, 121.096
Yxy	20.0344, 0.3623, 0.5193
Android (android.graphics.Color)	4284647201 (0xFF628721)
YUV	112.3090, -39.0993, -12.5490
Hunter-Lab	44.7598, -22.5961, 25.2793

Details

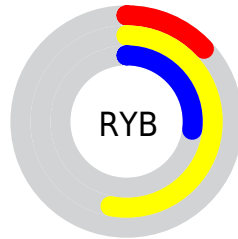
The Hex color **628721** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **462187**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **98BC55**, and **2E5500** is the 20% darker color. If you saturate the color by 10%, you get **5D8713**, and if you desaturate by 10%, it is **67872F**.

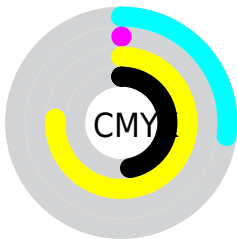
Distribution



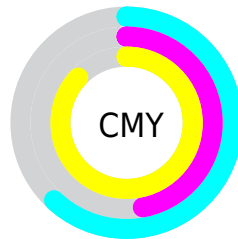
- Red (38%)
- Green (53%)
- Blue (13%)



- Red (13%)
- Yellow (53%)
- Blue (27%)



- Cyan (27%)
- Magenta (0%)
- Yellow (76%)
- Black (47%)



- Cyan (62%)
- Magenta (47%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 628721 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 628721 by changing the saturation by 10% instead.



628721



628721

FFFFFF



486E00



98BC55



2E5500



B4D86F



133D00



D0F58A



002700



EDFFA5



000D00



FFFFC1



000000



FFFFDD



FFFFFFA



628721



628721

■ 5D8713

■ 67872F

■ 588706

■ 6C873C

■ 568700

■ 71874A

■ 768757

■ 7A8765

■ 7F8772

■ 848780

■ 89878D

■ 8E879B

Harmonies

Analogous

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



927A0A



628721



008F4B

Triad

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



628721



008CCF



CF4D7C

Complementary

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



628721



462187

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.



B659AA



628721



0081DB

Square

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



628721



0091AC



7D6ECE



CE554D

Rectangle

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



628721



00916B



7D6ECE



CA4F8C

Sweetspot

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



628721



A1B087



874521



505940



D9D9D9



595959

Same Dimension

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



628721



76B010



308721



40423C



538200



020300

Inverse Universe

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



462187



4A10B0



782187



3E3C42



2F0082



010003

Previews

White Background



This preview shows how the Hex color 628721 looks on a white background.

Color Contrast Check

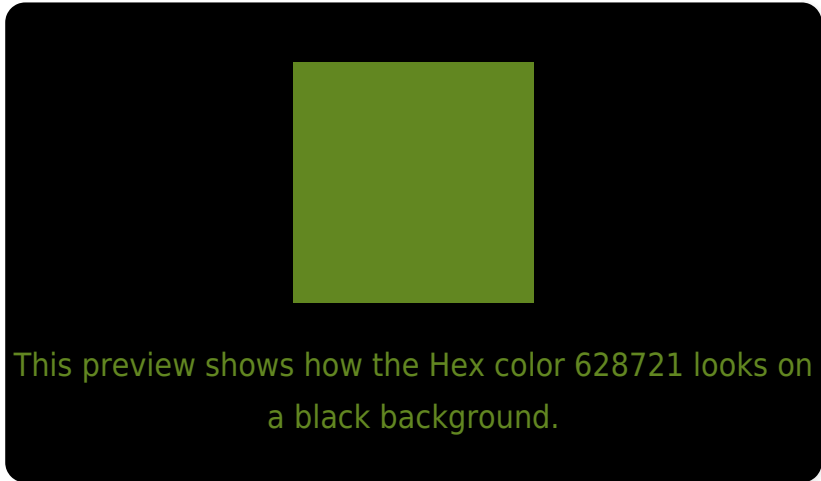
Large Text (above 18pt) WCAG AA ✓ Pass

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 628721 Background



This preview shows how black text looks on a background with the Hex color 628721.



This preview shows how white text looks on a background with the Hex color 628721.

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
628721

Protanopia
8B7C1E

Deuteranopia
9A7529



Tritanopia
6E7E88

Trichromacy



Original Color
628721

Protanomaly
7C801F

Deuteranomaly
867C26

Tritanomaly
6A8163

Monochromacy



Original Color
628721

Achromatopsia
707070

Achromatomaly
6B7853

CSS Examples

Text

The CSS property to change the color of the text to Hex 628721 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 #628721 looks like.

```
.text, #text, p{  
    color:#628721  
}
```

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 #628721 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #628721
}
```

Border

The CSS property to change the border of an element to Hex 628721 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
#628721 }
```

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

```
.border{ border-color:#628721 }
```

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

Here you see how a box with a 4 pixel #628721 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #628721; -webkit-box-shadow:4px 4px  
4px 4px #628721; box-shadow:4px 4px 4px  
4px #628721 }
```

Background

The CSS property to change the background color of an element to Hex 628721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#628721 }
```

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

```
.background{ background-color:#628721 }
```

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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