

Converting Colors

Hex(629956)

Have a look what the booklet for
Hex(629956) contains.

Hex(629956)	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(629956)

Conversions

Conversions Part 1

Format	Color
Hex	629956
RGB	98, 153, 86
RGB Percent	38%, 60%, 34%
CMY	0.6157, 0.4000, 0.6627
CMYK	0.36, 0.00, 0.44, 0.40
HSL	109°, 28%, 47%
HSV	109°, 44%, 60%
XYZ	18.1080, 26.0510, 12.8781
YIQ	128.9170, -11.2730, -32.4970

Conversions

Conversions Part 2

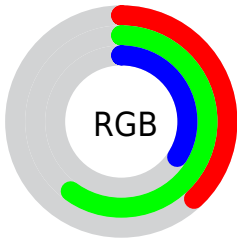
Format	Color
RYB	86, 153, 141
Decimal	6461782
CIELab	58.09, -31.63, 29.56
CIElCh	58, 43.292, 136.937
Yxy	26.0510, 0.3175, 0.4567
Android (android.graphics.Color)	4284651862 (0xFF629956)
YUV	128.9170, -21.1581, -27.1142
Hunter-Lab	51.0402, -25.9924, 20.7686

Details

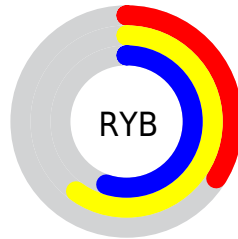
The Hex color **629956** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8D5699**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **97D089**, and **2F6527** is the 20% darker color. If you saturate the color by 10%, you get **559947**, and if you desaturate by 10%, it is **6F9965**.

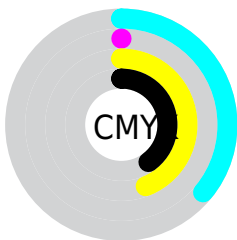
Distribution



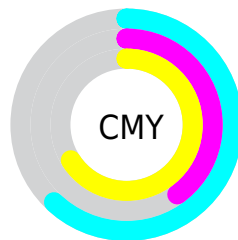
- Red (38%)
- Green (60%)
- Blue (34%)



- Red (34%)
- Yellow (60%)
- Blue (55%)



- Cyan (36%)
- Magenta (0%)
- Yellow (44%)
- Black (40%)



- Cyan (62%)
- Magenta (40%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 629956 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 629956 by changing the saturation by 10% instead.



629956



629956

FFFFFF



487F3E



97D089



2F6527



B2ECA3



134D0F



CFFFBF



003600



EBFFDB



002200



FFFFFF7



000000



629956



629956



559947



6F9965



499937



7B9975

 3C9928

 889984

 309919

 949993

 23990A

 A199A3

 1B9900

 AD99B2

 BA99C1

 C699D0

 D399E0

Harmonies

Analogous

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



8D9040



629956



1E9E79

Triad

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



629956



0094D5



D36C78

Complementary

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



629956



8D5699

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.



C96E9E



629956



7388D4

Square

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



629956



009CC2



AA79C0



C97656

Rectangle

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



629956



009F94



AA79C0



D26C84

Sweetspot

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



629956



B2C7AD



998D56



566354



E3E3E3



636363

Same Dimension

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



629956



70C75D



56996B



464D45



198C00



020D00

Inverse Universe

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



8D5699



B45DC7



995684



4B454D



73008C



0A000D

Previews

White Background



This preview shows how the Hex color 629956 looks on a white background.

Color Contrast Check

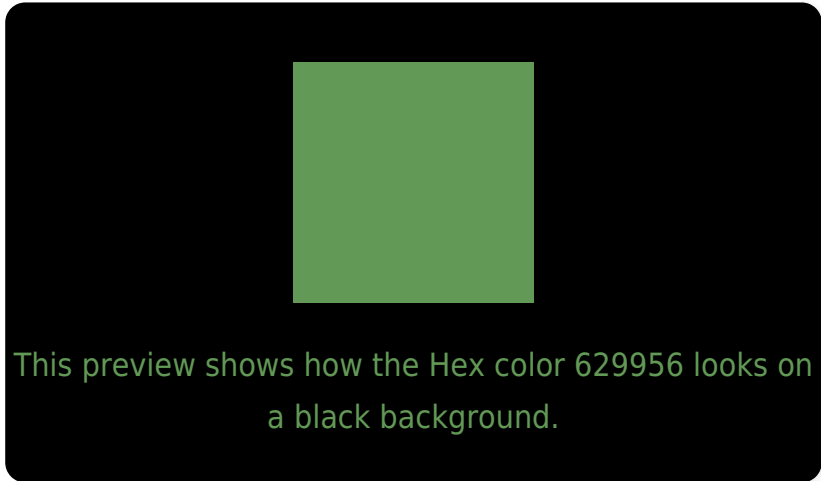
Large Text (above 18pt) WCAG AA ✓ Pass

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 629956 Background



This preview shows how black text looks on a background with the Hex color 629956.




This preview shows how white text looks on a background with the Hex color 629956.

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](#).

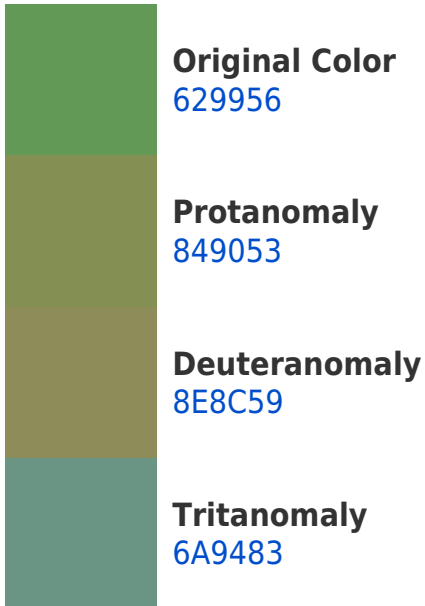
Dichromacy



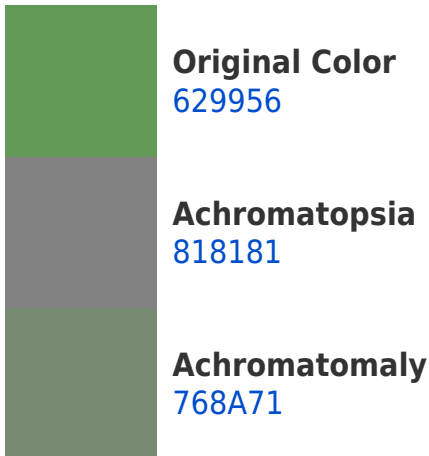


Tritanopia
6F919C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 629956 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 #629956 looks like.

```
.text, #text, p{  
    color:#629956  
}
```

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 #629956 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #629956  
}
```

Border

The CSS property to change the border of an element to Hex 629956 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  
#629956 }
```

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

```
.border{ border-color:#629956 }
```

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

Here you see how a box with a 4 pixel #629956 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #629956; -webkit-box-shadow:4px 4px  
4px 4px #629956; box-shadow:4px 4px 4px  
4px #629956 }
```

Background

The CSS property to change the background color of an element to Hex 629956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#629956 }
```

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

```
.background{ background-color:#629956 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor