

# Converting Colors

Hex(629950)

Have a look what the booklet for  
Hex(629950) contains.

<b>Hex(629950)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(629950)**

# Conversions

## Conversions Part 1

Format	Color
Hex	629950
RGB	98, 153, 80
RGB Percent	38%, 60%, 31%
CMY	0.6157, 0.4000, 0.6863
CMYK	0.36, 0.00, 0.48, 0.40
HSL	105°, 31%, 46%
HSV	105°, 48%, 60%
XYZ	17.8762, 25.9583, 11.6577
YIQ	128.2330, -9.3470, -34.3630

# Conversions

## Conversions Part 2

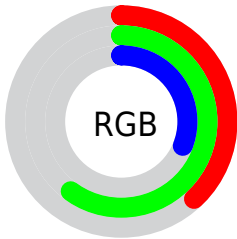
<b>Format</b>	<b>Color</b>
<b>RYB</b>	80, 153, 135
Decimal	6461776
CIELab	58.00, -32.48, 32.61
CIELCh	58, 46.030, 134.885
Yxy	25.9583, 0.3221, 0.4678
Android (android.graphics.Color)	4284651856 (0xFF629950)
YUV	128.2330, -23.7789, -26.5143
Hunter-Lab	50.9493, -26.5323, 22.0984

# Details

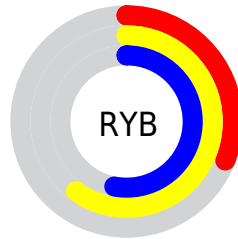
The Hex color **629950** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **875099**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **97D083**, and **2E6520** is the 20% darker color. If you saturate the color by 10%, you get **569941**, and if you desaturate by 10%, it is **6E995F**.

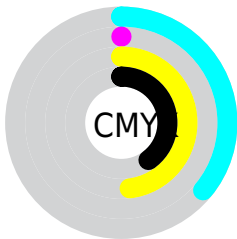
# Distribution



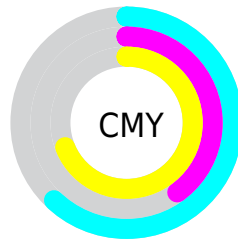
- Red (38%)
- Green (60%)
- Blue (31%)



- Red (31%)
- Yellow (60%)
- Blue (53%)



- Cyan (36%)
- Magenta (0%)
- Yellow (48%)
- Black (40%)



- Cyan (62%)
- Magenta (40%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 629950 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 629950 by changing the saturation by 10% instead.





629950



629950

FFFFFF



487F38



97D083



2E6520



B3EC9D



134D07



CFFFB8



003600



ECFFD4



002200



FFFFF1



000000



629950



629950



569941



6E995F



4B9931



79996F

■ 3F9922

■ 85997E

■ 349913

■ 90998D

■ 289904

■ 9C999D

■ 269900

■ A799AC

■ B399BB

■ BE99CA

■ CA99DA

# Harmonies

## Analogous

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



8F8F3A



629950



129E75

# Triad

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



629950



0095D9



D76979

# Complementary

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



629950



875099

# 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.



CB6CA1



629950



6B89D9

# Square

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



629950



009DC3



A879C5



CD7354

# Rectangle

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



629950



00A091



A879C5



D66986



# Sweetspot

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



629950



B2C7AB



998750



576353



E3E3E3



636363



# Same Dimension

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



629950



71C756



509962



474D45



238C00



030D00



# Inverse Universe

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



875099



AB56C7



995087



4B454D



6A008C



0A000D



# Previews

## White Background



This preview shows how the Hex color 629950 looks on a white background.

## Color Contrast Check

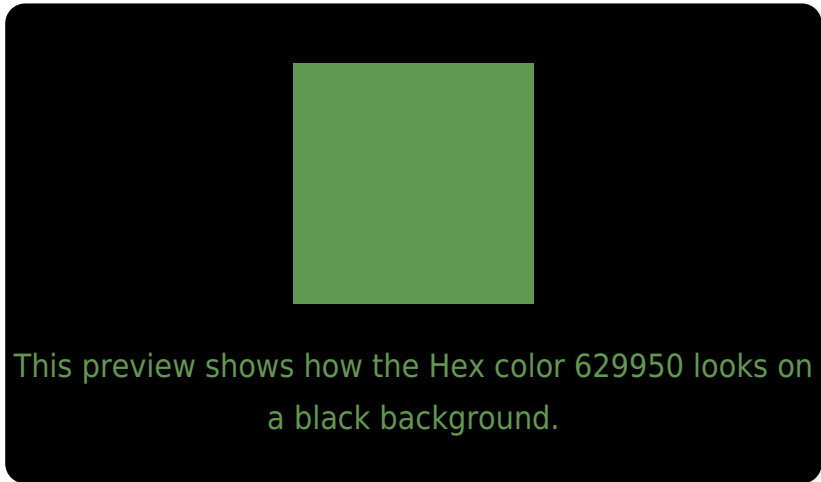
Large Text (above 18pt) WCAG AA ✓ Pass

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 629950 Background



This preview shows how black text looks on a background with the Hex color 629950.



This preview shows how white text looks on a background with the Hex color 629950.

# 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**  
6F909C

# Trichromacy



**Original Color**  
629950

**Protanomaly**  
85904D

**Deuteranomaly**  
8F8C53

**Tritanomaly**  
6A9380

# Monochromacy



**Original Color**  
629950

**Achromatopsia**  
808080

**Achromatomaly**  
75896F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 629950 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 #629950 looks like.

```
.text, #text, p{  
    color:#629950  
}
```

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 #629950 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #629950
}
```

## Border

The CSS property to change the border of an element to Hex 629950 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
#629950 }
```

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

```
.border{ border-color:#629950 }
```

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

Here you see how a box with a 4 pixel #629950 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #629950; -webkit-box-shadow:4px 4px  
4px 4px #629950; box-shadow:4px 4px 4px  
4px #629950 }
```

# Background

The CSS property to change the background color of an element to Hex 629950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#629950 }
```

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

```
.background{ background-color:#629950 }
```

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