

# Converting Colors

Hex(22984C)

Have a look what the booklet for  
Hex(22984C) contains.

<b>Hex(22984C)</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(22984C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	22984C
RGB	34, 152, 76
RGB Percent	13%, 60%, 30%
CMY	0.8667, 0.4039, 0.7020
CMYK	0.78, 0.00, 0.50, 0.40
HSL	141°, 63%, 36%
HSV	141°, 78%, 60%
XYZ	13.1924, 23.3184, 10.6431
YIQ	108.0540, -45.9320, -48.6520

# Conversions

## Conversions Part 2

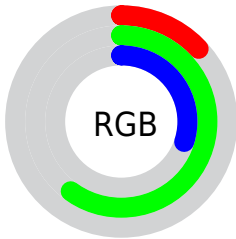
Format	Color
R <sub>Y</sub> B	34, 121, 152
Decimal	2267212
CIE Lab	55.40, -48.87, 30.97
CIE LCh	55, 57.860, 147.637
Yxy	23.3184, 0.2798, 0.4945
Android (android.graphics.Color)	4280457292 (0xFF22984C)
YUV	108.0540, -15.8026, -64.9454
Hunter-Lab	48.2891, -35.7402, 20.7347

# Details

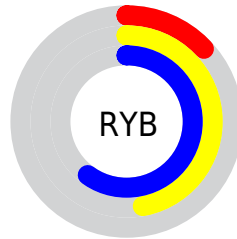
The Hex color **22984C** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **98226E**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **62CF7E**, and **00641D** is the 20% darker color. If you saturate the color by 10%, you get **139842**, and if you desaturate by 10%, it is **319856**.

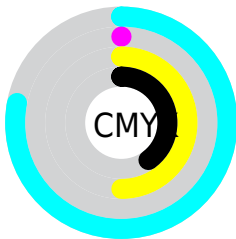
# Distribution



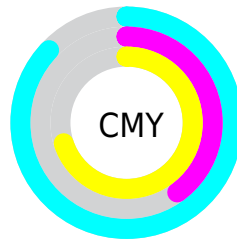
- Red (13%)
- Green (60%)
- Blue (30%)



- Red (13%)
- Yellow (47%)
- Blue (60%)



- Cyan (78%)
- Magenta (0%)
- Yellow (50%)
- Black (40%)



- Cyan (87%)
- Magenta (40%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 22984C 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 22984C by changing the saturation by 10% instead.



 22984C

 22984C

FFFFFF

 007D34

 62CF7E

 00641D

 7FEC99

 004B04

 9CFFB4

 003300

 B9FFCF

 001B00

 D6FFEC

 000000

 F4FFFF

 22984C

 22984C

 139842

 319856

■ 049838

■ 409860

■ 009836

■ 509869

■ 5F9873

■ 6E987D

■ 7D9887

■ 8C9891

■ 9C989A

■ AB98A4

# Harmonies

## Analogous

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



708F21



22984C



009C7F

# Triad

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



22984C



008CE9



DD5A59

# Complementary

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



22984C



98226E

# 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.



DB548B



22984C



7D79DE

# Square

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



22984C



0097D9



BD63BB



C76D2E

# Rectangle

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



22984C



009CA2



BD63BB



DF5669



# Sweetspot

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



22984C



97C4A7



6F9822



486352



E3E3E3



636363



# Same Dimension

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



22984C



0EC44F



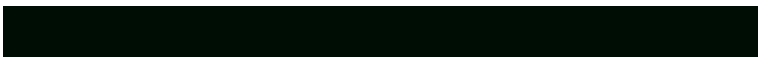
229886



454D48



008C32



000D05



# Inverse Universe

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



98226E



C40E83



982234



4D454A



8C005A



0D0008



# Previews

## White Background



This preview shows how the Hex color 22984C looks on a white background.

## Color Contrast Check

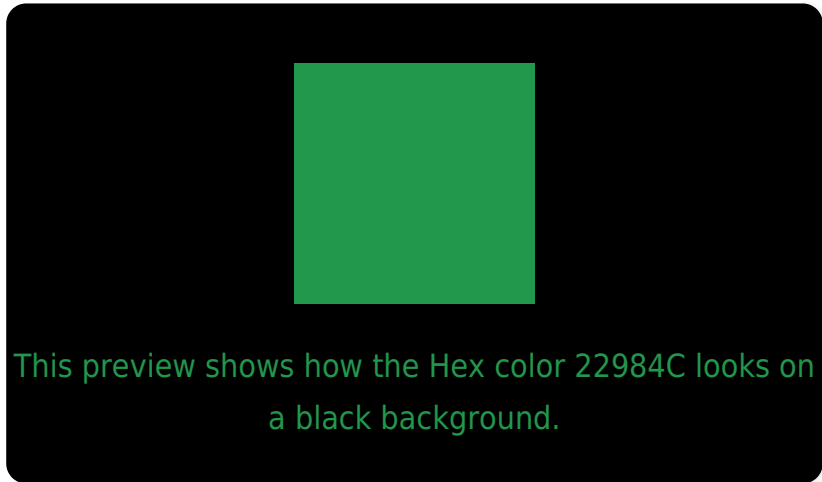
Large Text (above 18pt) WCAG AA ✓ Pass

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

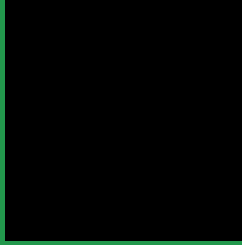
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 22984C Background



This preview shows how black text looks on a background with the Hex color 22984C.

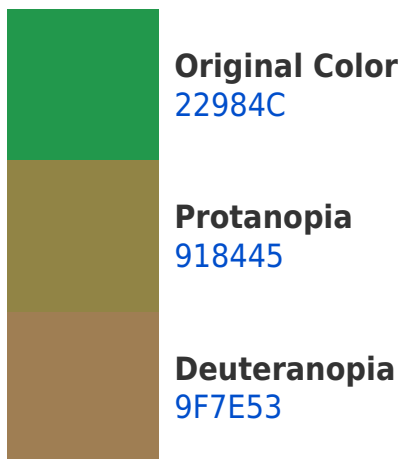


This preview shows how white text looks on a background with the Hex color 22984C.

# 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](#).

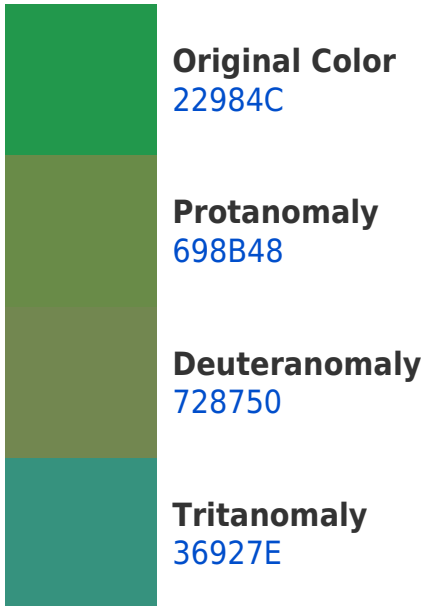
## Dichromacy



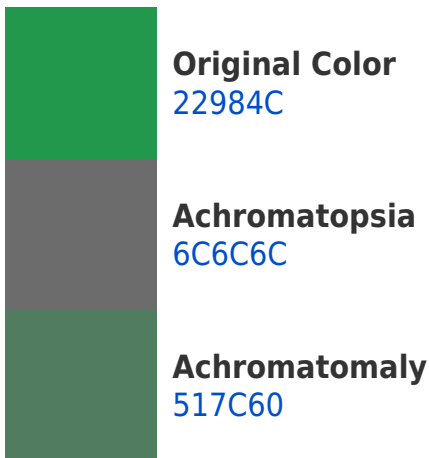


**Tritanopia**  
428F9B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 22984C 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 #22984C looks like.

```
.text, #text, p{  
    color:#22984C  
}
```

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 #22984C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22984C
}
```

## Border

The CSS property to change the border of an element to Hex 22984C 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
#22984C }
```

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

```
.border{ border-color:#22984C }
```

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

Here you see how a box with a 4 pixel #22984C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22984C; -webkit-box-shadow:4px 4px  
4px 4px #22984C; box-shadow:4px 4px 4px  
4px #22984C }
```

# Background

The CSS property to change the background color of an element to Hex 22984C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22984C }
```

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

```
.background{ background-color:#22984C }
```

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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