

# Converting Colors

Hex(229044)

Have a look what the booklet for  
Hex(229044) contains.

<b>Hex(229044)</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(229044)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	229044
RGB	34, 144, 68
RGB Percent	13%, 56%, 27%
CMY	0.8667, 0.4353, 0.7333
CMYK	0.76, 0.00, 0.53, 0.44
HSL	139°, 62%, 35%
HSV	139°, 76%, 56%
XYZ	11.6763, 20.7040, 8.8497
YIQ	102.4460, -41.1640, -46.9560

# Conversions

## Conversions Part 2

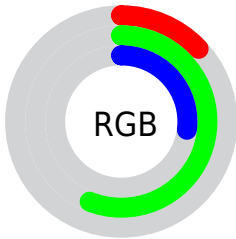
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	34, 118, 144
Decimal	2265156
CIE <sub>Lab</sub>	52.62, -47.24, 31.68
CIE <sub>LCh</sub>	53, 56.878, 146.148
Yxy	20.7040, 0.2832, 0.5022
Android (android.graphics.Color)	4280455236 (0xFF229044)
YUV	102.4460, -16.9819, -60.0271
Hunter-Lab	45.5016, -33.8222, 20.3197

# Details

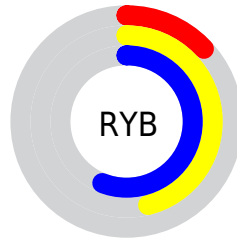
The Hex color **229044** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **90226E**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **61C776**, and **005C14** is the 20% darker color. If you saturate the color by 10%, you get **14903A**, and if you desaturate by 10%, it is **30904E**.

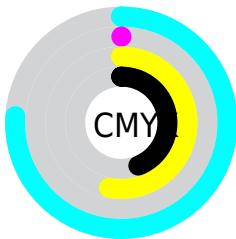
# Distribution



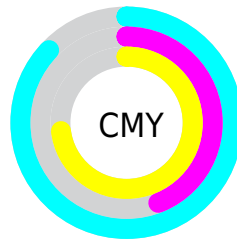
- Red (13%)
- Green (56%)
- Blue (27%)



- Red (13%)
- Yellow (46%)
- Blue (56%)



- Cyan (76%)
- Magenta (0%)
- Yellow (53%)
- Black (44%)



- Cyan (87%)
- Magenta (44%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 229044 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 229044 by changing the saturation by 10% instead.



 229044

 229044

FFFFFF

 00762C

 61C776

 005C14

 7DE390

 004400

 99FFAB

 002D00

 B6FFC6

 001100

 D3FFE3

 000000

 F1FFFF

 229044

 229044

 14903A

 30904E

■ 059030

■ 3F9058

■ 00902D

■ 4D9062

■ 5C906C

■ 6A9076

■ 789080

■ 87908A

■ 959094

■ A4909E

# Harmonies

## Analogous

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



6C8719



229044



009475

# Triad

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



229044



0085DF



D45356

# Complementary

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



229044



90226E

# 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.



D14E86



229044



7173D6

# Square

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



229044



0090CE



B25DB5



BF662B

# Rectangle

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



229044



009597



B25DB5



D64F65



# Sweetspot

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



229044



8FBA9D



6F9022



445E4C



DEDEDE



5E5E5E



# Same Dimension

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



229044



0FBA44



22907A



404742



00872A



000802



# Inverse Universe

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



90226E



BA0F85



902238



474045



87005D



080005



# Previews

## White Background



This preview shows how the Hex color 229044 looks on a white background.

## Color Contrast Check

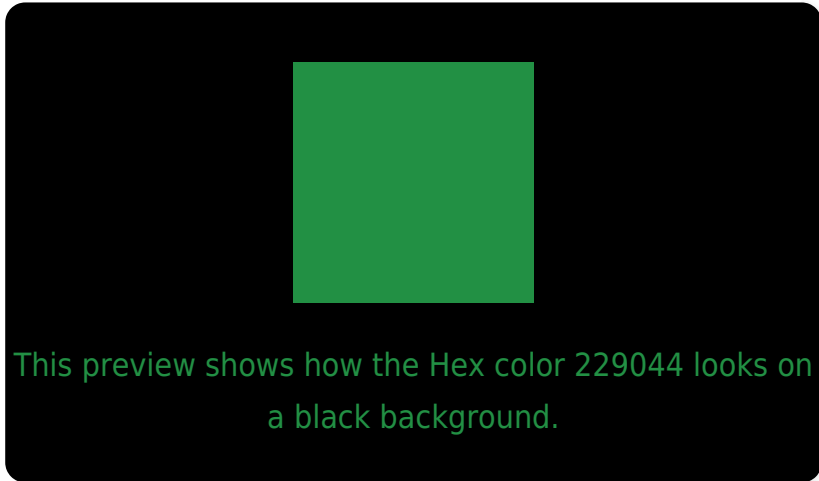
Large Text (above 18pt) WCAG AA ✓ Pass

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 229044 Background



This preview shows how black text looks on a background with the Hex color 229044.



This preview shows how white text looks on a background with the Hex color 229044.

# 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**  
229044

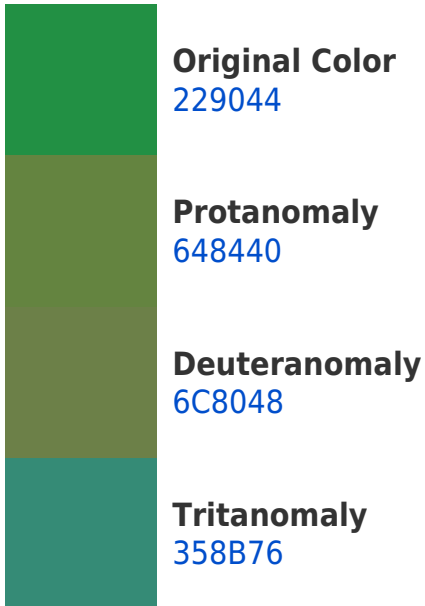
**Protanopia**  
8A7D3E

**Deuteranopia**  
97774A



**Tritanopia**  
408893

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 229044 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 #229044 looks like.

```
.text, #text, p{  
    color:#229044  
}
```

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 #229044 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #229044
}
```

## Border

The CSS property to change the border of an element to Hex 229044 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
#229044 }
```

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

```
.border{ border-color:#229044 }
```

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

Here you see how a box with a 4 pixel #229044 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #229044; -webkit-box-shadow:4px 4px  
4px 4px #229044; box-shadow:4px 4px 4px  
4px #229044 }
```

# Background

The CSS property to change the background color of an element to Hex 229044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#229044 }
```

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

```
.background{ background-color:#229044 }
```

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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