

# Converting Colors

Hex(235219)

Have a look what the booklet for  
Hex(235219) contains.

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# Color

Hex(235219)

# Conversions

## Conversions Part 1

Format	Color
Hex	235219
RGB	35, 82, 25
RGB Percent	14%, 32%, 10%
CMY	0.8627, 0.6784, 0.9020
CMYK	0.57, 0.00, 0.70, 0.68
HSL	109°, 53%, 21%
HSV	109°, 70%, 32%
XYZ	3.8859, 6.4621, 1.9622
YIQ	61.4490, -9.7150, -27.6910

# Conversions

## Conversions Part 2

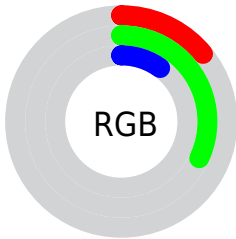
<b>Format</b>	<b>Color</b>
<b>RYB</b>	25, 82, 72
Decimal	2314777
CIELab	30.55, -28.40, 27.82
CIELCh	31, 39.755, 135.585
Yxy	6.4621, 0.3157, 0.5249
Android (android.graphics.Color)	4280504857 (0xFF235219)
YUV	61.4490, -17.9694, -23.1958
Hunter-Lab	25.4207, -17.2000, 13.2179

# Details

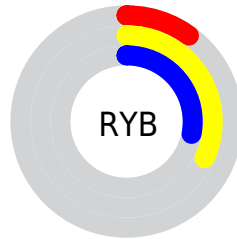
The Hex color **235219** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **481952**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **558447**, and **002500** is the 20% darker color. If you saturate the color by 10%, you get **1C5211**, and if you desaturate by 10%, it is **2A5221**.

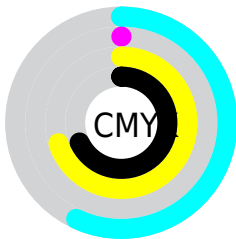
# Distribution



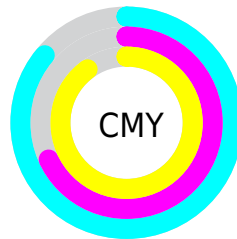
- Red (14%)
- Green (32%)
- Blue (10%)



- Red (10%)
- Yellow (32%)
- Blue (28%)



- Cyan (57%)
- Magenta (0%)
- Yellow (70%)
- Black (68%)



- Cyan (86%)
- Magenta (68%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 235219 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 235219 by changing the saturation by 10% instead.



 235219

 235219

FFFFFF

 083B01

 558447

 002500

 6E9E5F

 000400

 89B979

 000000

 A4D593

 BFF2AE

 DCFFC9

 F8FFE5

 235219

 235219

■ 1C5211

■ 2A5221

■ 155209

■ 315229

■ 0F5200

■ 375232

■ 0E5200

■ 3E523A

■ 455242

■ 4C524A

■ 525252

■ 59525B

■ 605263

# Harmonies

## Analogous

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



484B01



235219



005537

# Triad

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



235219



005084



7F2939

# Complementary

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



235219



481952

# 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.



782B58



235219



274684

# Square

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



235219



005574



5E3874



77341C

# Rectangle

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



235219



00564D



5E3874



7F2843



# Sweetspot

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



235219



596B55



524819



2B3628



B5B5B5



363636



# Same Dimension

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



235219



226B12



19522B



252925



126900



29E800



# Inverse Universe

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



481952



5C126B



521940



282529



560069



BF00E8



# Previews

## White Background



This preview shows how the Hex color 235219 looks on a white background.

## Color Contrast Check

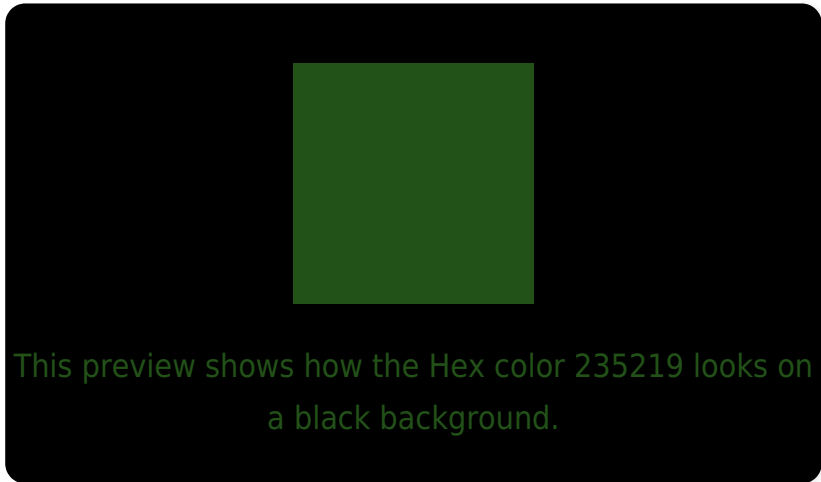
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

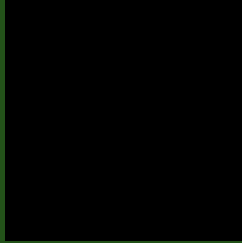
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 235219 Background



This preview shows how black text looks on a background with the Hex color 235219.



This preview shows how white text looks on a background with the Hex color 235219.

# 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**  
235219

**Protanopia**  
504816

**Deuteranopia**  
59441E



**Tritanopia**  
2F4D53

# Trichromacy



**Original Color**  
235219

**Protanomaly**  
404C17

**Deuteranomaly**  
45491C

**Tritanomaly**  
2B4F3E

# Monochromacy



**Original Color**  
235219

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
344530

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 235219 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 #235219 looks like.

```
.text, #text, p{  
    color:#235219  
}
```

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 #235219 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #235219
}
```

## Border

The CSS property to change the border of an element to Hex 235219 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
#235219 }
```

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

```
.border{ border-color:#235219 }
```

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

Here you see how a box with a 4 pixel #235219 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #235219; -webkit-box-shadow:4px 4px  
4px 4px #235219; box-shadow:4px 4px 4px  
4px #235219 }
```

# Background

The CSS property to change the background color of an element to Hex 235219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#235219 }
```

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

```
.background{ background-color:#235219 }
```

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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