

# Converting Colors

Hex(16A359)

Have a look what the booklet for  
Hex(16A359) contains.

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# Color

**Hex(16A359)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	16A359
RGB	22, 163, 89
RGB Percent	9%, 64%, 35%
CMY	0.9137, 0.3608, 0.6510
CMYK	0.87, 0.00, 0.45, 0.36
HSL	149°, 76%, 36%
HSV	149°, 87%, 64%
XYZ	15.2312, 27.0862, 13.8766
YIQ	112.4050, -60.2820, -52.9060

# Conversions

## Conversions Part 2

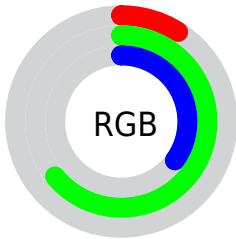
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	22, 118, 163
Decimal	1483609
CIE <sub>Lab</sub>	59.05, -51.93, 28.76
CIE <sub>LCh</sub>	59, 59.357, 151.023
Yxy	27.0862, 0.2710, 0.4820
Android (android.graphics.Color)	4279673689 (0xFF16A359)
YUV	112.4050, -11.5387, -79.2852
Hunter-Lab	52.0444, -38.8382, 20.6226

# Details

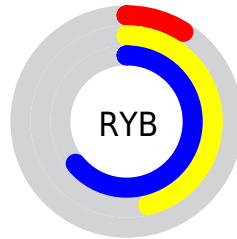
The Hex color **16A359** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A31660**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **5FDB8C**, and **006E29** is the 20% darker color. If you saturate the color by 10%, you get **06A350**, and if you desaturate by 10%, it is **26A362**.

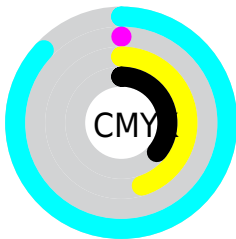
# Distribution



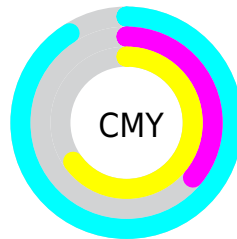
- Red (9%)
- Green (64%)
- Blue (35%)



- Red (9%)
- Yellow (46%)
- Blue (64%)



- Cyan (87%)
- Magenta (0%)
- Yellow (45%)
- Black (36%)



- Cyan (91%)
- Magenta (36%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 16A359 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 16A359 by changing the saturation by 10% instead.



 16A359

 16A359


FFFFFF

 008841

 5FDB8C

 006E29

 7DF8A7

 005412

 9BFFC2

 003C00

 B8FFDE

 002500

 D6FFFB

 000000

 F4FFFF

 16A359

 16A359

 06A350

 26A362

■ 00A34D

■ 37A36A

■ 47A373

■ 57A37B

■ 67A384

■ 78A38C

■ 88A395

■ 98A39D

■ A9A3A6

# Harmonies

## Analogous

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



739B2C



16A359



00A78E

# Triad

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



16A359



0094F7



E9645B

# Complementary

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



16A359



A31660

# 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.



EA5C8F



16A359



9080E8

# Square

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



16A359



00A0E9



CE69C1



D07831

# Rectangle

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



16A359



00A7B2



CE69C1



EC5F6C



# Sweetspot

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



16A359



9DD4B7



61A316



4A6B5A



EBEBEB



6B6B6B



# Same Dimension

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



16A359



00D465



16A39E



49524D



009145



001208



# Inverse Universe

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



A31660



D4006F



A3161B



52494E



91004C



120009



# Previews

## White Background



This preview shows how the Hex color 16A359 looks on a white background.

## Color Contrast Check

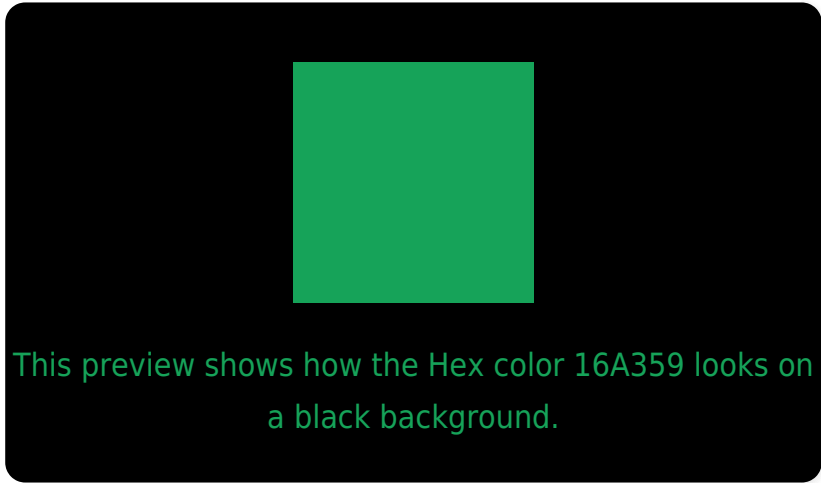
Large Text (above 18pt) WCAG AA ✓ Pass

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 16A359 Background



This preview shows how black text looks on a background with the Hex color 16A359.



This preview shows how white text looks on a background with the Hex color 16A359.

# 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**  
409AA7

# Trichromacy



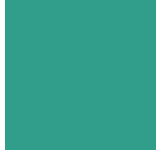
**Original Color**  
16A359



**Protanomaly**  
6B9554



**Deuteranomaly**  
74915D



**Tritanomaly**  
319D8B

# Monochromacy



**Original Color**  
16A359



**Achromatopsia**  
707070



**Achromatomaly**  
4F8368

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 16A359 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 #16A359 looks like.

```
.text, #text, p{  
    color:#16A359  
}
```

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 #16A359 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16A359
}
```

## Border

The CSS property to change the border of an element to Hex 16A359 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
#16A359 }
```

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

```
.border{ border-color:#16A359 }
```

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

Here you see how a box with a 4 pixel #16A359 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16A359; -webkit-box-shadow:4px 4px  
4px 4px #16A359; box-shadow:4px 4px 4px  
4px #16A359 }
```

# Background

The CSS property to change the background color of an element to Hex 16A359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16A359 }
```

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

```
.background{ background-color:#16A359 }
```

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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