

# Converting Colors

Hex(16D93A)

Have a look what the booklet for  
Hex(16D93A) contains.

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**Color**

**Hex(16D93A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	16D93A
RGB	22, 217, 58
RGB Percent	9%, 85%, 23%
CMY	0.9137, 0.1490, 0.7725
CMYK	0.90, 0.00, 0.73, 0.15
HSL	131°, 82%, 47%
HSV	131°, 90%, 85%
XYZ	25.9075, 50.1018, 12.3081
YIQ	140.5690, -65.1810, -90.7890

# Conversions

## Conversions Part 2

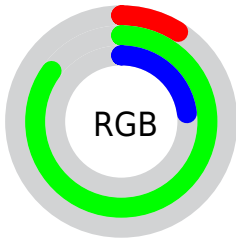
Format	Color
<a href="#">RYB</a>	<a href="#">22, 187, 217</a>
Decimal	<a href="#">1497402</a>
CIELab	<a href="#">76.13, -72.93, 62.14</a>
CIELCh	<a href="#">76, 95.816, 139.565</a>
Yxy	<a href="#">50.1018, 0.2933, 0.5673</a>
Android (android.graphics.Color)	<a href="#">4279687482 (0xFF16D93A)</a>
YUV	<a href="#">140.5690, -40.7065, -103.9850</a>
Hunter-Lab	<a href="#">70.7826, -58.5360, 39.2381</a>

# Details

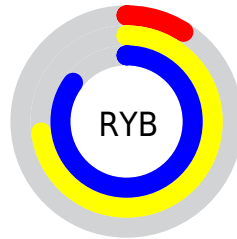
The Hex color **16D93A** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **D916B5**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **70FF72**, and **00A000** is the 20% darker color. If you saturate the color by 10%, you get **00D928**, and if you desaturate by 10%, it is **2CD94C**.

# Distribution



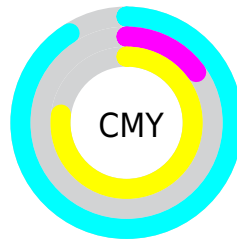
- Red (9%)
- Green (85%)
- Blue (23%)



- Red (9%)
- Yellow (73%)
- Blue (85%)



- Cyan (90%)
- Magenta (0%)
- Yellow (73%)
- Black (15%)



- Cyan (91%)
- Magenta (15%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 16D93A 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 16D93A by changing the saturation by 10% instead.



 16D93A

 16D93A

FFFFFF

 00BC18

 70FF72

 00A000

 91FF8E

 008500

 B1FFAA

 006A00

 D0FFC7

 005000

 EFFFEE

 003800

 001E00

 000000

 16D93A

 16D93A

■ 00D928

■ 2CD94C

■ 41D95D

■ 57D96F

■ 6DD981

■ 83D992

■ 98D9A4

■ AED9B6

■ C4D9C8

■ D9D9D9

# Harmonies

## Analogous

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



ABC900



16D93A



00E199

# Triad

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



16D93A



00D0FF



FF5886

# Complementary

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



16D93A



D916B5

# 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.



FF58DF



16D93A



65B2FF

# Square

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



16D93A



00DEFF



FF85FF



FF8430

# Rectangle

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



16D93A



00E3D7



FF85FF



FF50A3

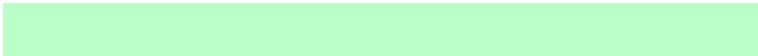


# Sweetspot

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



16D93A



BAFFC7



B5D916



57805E



000000



808080



# Same Dimension

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



16D93A



00FF2F



16D99B



636E65



00AD20



002E08



# Inverse Universe

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



D916B5



FF00D0



D91654



6E636C



AD008D

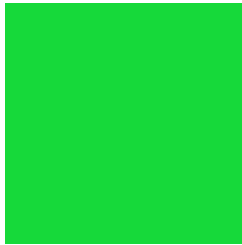


2E0025



# Previews

## White Background



This preview shows how the Hex color 16D93A looks on a white background.

## Color Contrast Check

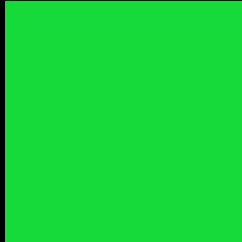
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 16D93A looks on a 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 ✓ Pass

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



## Hex 16D93A Background



This preview shows how black text looks on a background with the Hex color 16D93A.

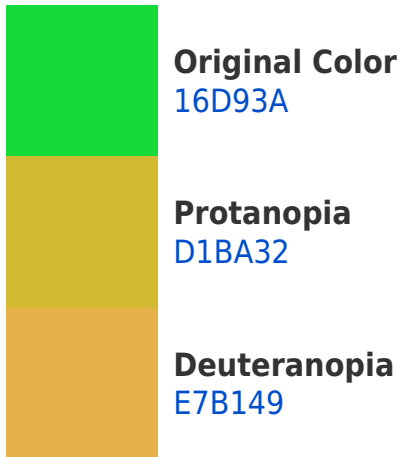


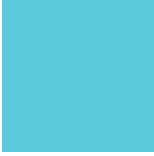
This preview shows how white text looks on a background with the Hex color 16D93A.

# Color Blindness Simulation

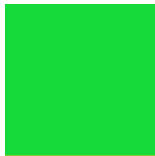
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
16D93A



**Protanomaly**  
8DC535



**Deuteranomaly**  
9BC044



**Tritanomaly**  
42CFA0

# Monochromacy



**Original Color**  
16D93A



**Achromatopsia**  
8D8D8D



**Achromatomaly**  
62A96F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 16D93A 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 #16D93A looks like.

```
.text, #text, p{  
    color:#16D93A  
}
```

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 #16D93A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16D93A
}
```

## Border

The CSS property to change the border of an element to Hex 16D93A 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
#16D93A }
```

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

```
.border{ border-color:#16D93A }
```

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

Here you see how a box with a 4 pixel #16D93A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16D93A; -webkit-box-shadow:4px 4px  
4px 4px #16D93A; box-shadow:4px 4px 4px  
4px #16D93A }
```

# Background

The CSS property to change the background color of an element to Hex 16D93A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16D93A }
```

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

```
.background{ background-color:#16D93A }
```

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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