

# Converting Colors

Hex(10A341)

Have a look what the booklet for  
Hex(10A341) contains.

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**Color**

**Hex(10A341)**

# Conversions

## Conversions Part 1

Format	Color
Hex	10A341
RGB	16, 163, 65
RGB Percent	6%, 64%, 25%
CMY	0.9373, 0.3608, 0.7451
CMYK	0.90, 0.00, 0.60, 0.36
HSL	140°, 82%, 35%
HSV	140°, 90%, 64%
XYZ	14.2650, 26.6862, 9.4001
YIQ	107.8750, -56.1540, -61.6420

# Conversions

## Conversions Part 2

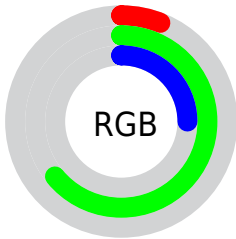
<b>Format</b>	<b>Color</b>
<b>RYB</b>	16, 126, 163
Decimal	1090369
CIELab	58.68, -56.19, 40.37
CIElCh	59, 69.192, 144.307
Yxy	26.6862, 0.2833, 0.5300
Android (android.graphics.Color)	4279280449 (0xFF10A341)
YUV	107.8750, -21.1374, -80.5744
Hunter-Lab	51.6587, -41.1118, 25.3723

# Details

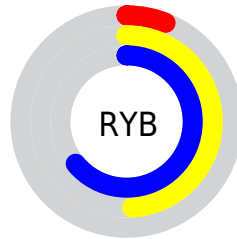
The Hex color **10A341** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A31072**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **5EDB74**, and **006E0C** is the 20% darker color. If you saturate the color by 10%, you get **00A336**, and if you desaturate by 10%, it is **20A34C**.

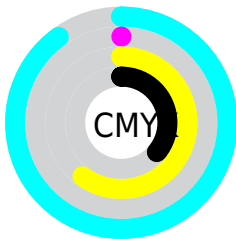
# Distribution



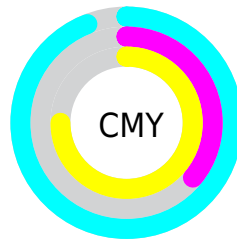
- Red (6%)
- Green (64%)
- Blue (25%)



- Red (6%)
- Yellow (49%)
- Blue (64%)



- Cyan (90%)
- Magenta (0%)
- Yellow (60%)
- Black (36%)



- Cyan (94%)
- Magenta (36%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 10A341 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 10A341 by changing the saturation by 10% instead.



 10A341

 10A341

FFFFFF

 008828

 5EDB74

 006E0C

 7CF88E

 005400

 9AFFA9

 003B00

 B7FFC5

 002500

 D5FFE2

 000000

 F3FFFF

 10A341

 10A341

 00A336

 20A34C

 31A357

 41A362

 51A36C

 62A377

 72A382

 82A38D

 92A398

 A3A3A3

# Harmonies

## Analogous

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



7A9800



10A341



00A87F

# Triad

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



10A341



0098FF



F7535F

# Complementary

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



10A341



A31072

# 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.



F24D9B



10A341



7382FD

# Square

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



10A341



00A4EF



CA65D5



DF6D27

# Rectangle

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



10A341



00A9A9



CA65D5



F94D73



# Sweetspot

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



10A341



9BD4AE



72A310



496B54



EBEBEB



6B6B6B



# Same Dimension

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



10A341



00D447



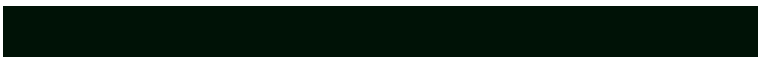
10A38A



49524C



009130



001206



# Inverse Universe

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



A31072



D4008D



A31029



52494F



910061



12000C



# Previews

## White Background



This preview shows how the Hex color 10A341 looks on a white background.

## Color Contrast Check

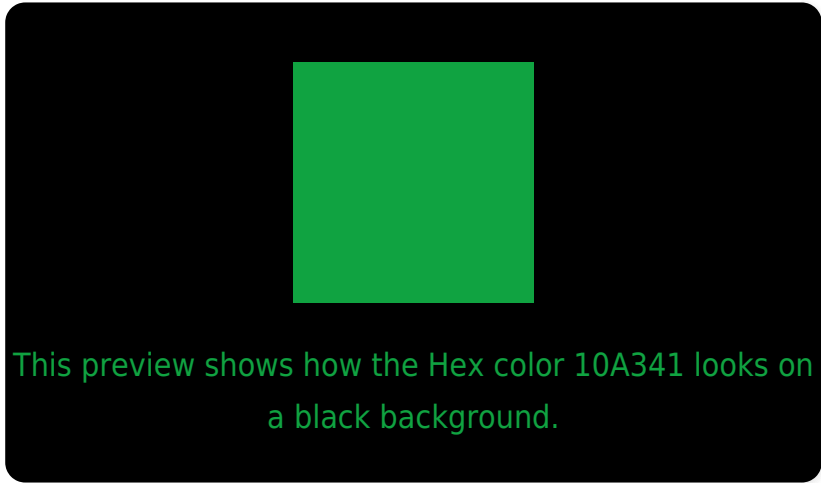
Large Text (above 18pt) WCAG AA ✓ Pass

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 10A341 Background



This preview shows how black text looks on a background with the Hex color 10A341.



This preview shows how white text looks on a background with the Hex color 10A341.

# 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**  
10A341

**Protanopia**  
9C8C3A

**Deuteranopia**  
AC8649



**Tritanopia**  
4299A5

# Trichromacy



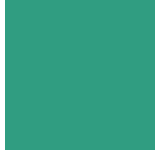
**Original Color**  
10A341



**Protanomaly**  
69943D



**Deuteranomaly**  
739146



**Tritanomaly**  
309D81

# Monochromacy



**Original Color**  
10A341



**Achromatopsia**  
6C6C6C



**Achromatomaly**  
4B805C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 10A341 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 #10A341 looks like.

```
.text, #text, p{  
    color:#10A341  
}
```

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 #10A341 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10A341
}
```

## Border

The CSS property to change the border of an element to Hex 10A341 is called "border". The border property can be set on classes, ids or directly on the HTML element.

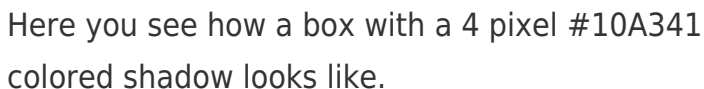
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#10A341 }
```

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

```
.border{ border-color:#10A341 }
```

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



Here you see how a box with a 4 pixel #10A341 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10A341; -webkit-box-shadow:4px 4px  
4px 4px #10A341; box-shadow:4px 4px 4px  
4px #10A341 }
```

# Background

The CSS property to change the background color of an element to Hex 10A341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10A341 }
```

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

```
.background{ background-color:#10A341 }
```

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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