

# Converting Colors

Hex(10A955)

Have a look what the booklet for  
Hex(10A955) contains.

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# Color

**Hex(10A955)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	10A955
RGB	16, 169, 85
RGB Percent	6%, 66%, 33%
CMY	0.9373, 0.3373, 0.6667
CMYK	0.91, 0.00, 0.50, 0.34
HSL	147°, 83%, 36%
HSV	147°, 91%, 66%
XYZ	16.0413, 29.1420, 13.3738
YIQ	113.6770, -64.2240, -58.5600

# Conversions

## Conversions Part 2

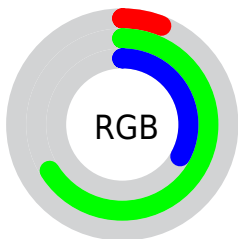
<b>Format</b>	<b>Color</b>
<b>RYB</b>	16, 121, 169
Decimal	1091925
CIELab	60.91, -55.18, 33.18
CIELCh	61, 64.387, 148.981
Yxy	29.1420, 0.2739, 0.4977
Android (android.graphics.Color)	4279282005 (0xFF10A955)
YUV	113.6770, -14.1378, -85.6627
Hunter-Lab	53.9833, -41.4288, 23.0998

# Details

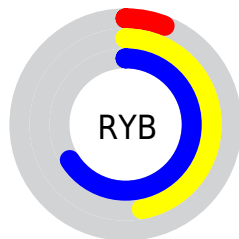
The Hex color **10A955** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A91064**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **5FE188**, and **007325** is the 20% darker color. If you saturate the color by 10%, you get **00A94C**, and if you desaturate by 10%, it is **21A95E**.

# Distribution



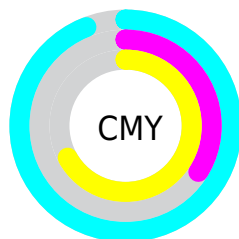
- Red (6%)
- Green (66%)
- Blue (33%)



- Red (6%)
- Yellow (47%)
- Blue (66%)



- Cyan (91%)
- Magenta (0%)
- Yellow (50%)
- Black (34%)



- Cyan (94%)
- Magenta (34%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 10A955 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 10A955 by changing the saturation by 10% instead.



 10A955

 10A955

FFFFFF

 008E3D

 5FE188

 007325

 7EFAA3

 005A0B

 9BFFBE

 004100

 B9FFDA

 002A00

 D7FFF7

 000600

 F5FFFF

 000000

 10A955

 10A955

 00A94C

 21A95E

 32A968

 43A971

 54A97A

 64A983

 75A98D

 86A996

 97A99F

 A8A9A9

# Harmonies

## Analogous

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



78A022



10A955



00AD8F

# Triad

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



10A955



009AFF



F6625F

# Complementary

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



10A955



A91064

# 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.



F65A97



10A955



8E85F7

# Square

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



10A955



00A7F4



D56BCE



DC792E

# Rectangle

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



10A955



00AEB6



D56BCE



F95D71



# Sweetspot

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



10A955



A0DBBB



64A910



4B6E5A



EDEDED



6E6E6E



# Same Dimension

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



10A955



00DB63



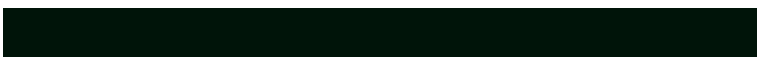
10A9A1



4C5450



009443



001409



# Inverse Universe

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



A91064



DB0078



A91018



544C50



940051



14000B



# Previews

## White Background



This preview shows how the Hex color 10A955 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



This preview shows how the Hex color 10A955 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

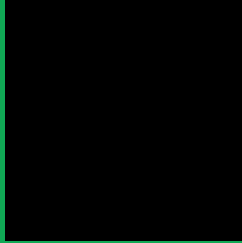
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 10A955 Background



This preview shows how black text looks on a background with the Hex color 10A955.



This preview shows how white text looks on a background with the Hex color 10A955.

# 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**  
10A955

**Protanopia**  
A1924D

**Deuteranopia**  
B08B5C



# Trichromacy



**Original Color**  
10A955



**Protanomaly**  
6C9A50



**Deuteranomaly**  
769659



**Tritanomaly**  
30A38C

# Monochromacy



**Original Color**  
10A955



**Achromatopsia**  
727272



**Achromatomaly**  
4E8667

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 10A955 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 #10A955 looks like.

```
.text, #text, p{  
    color:#10A955  
}
```

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 #10A955 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10A955
}
```

## Border

The CSS property to change the border of an element to Hex 10A955 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
#10A955 }
```

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

```
.border{ border-color:#10A955 }
```

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

Here you see how a box with a 4 pixel #10A955 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10A955; -webkit-box-shadow:4px 4px  
4px 4px #10A955; box-shadow:4px 4px 4px  
4px #10A955 }
```

# Background

The CSS property to change the background color of an element to Hex 10A955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10A955 }
```

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

```
.background{ background-color:#10A955 }
```

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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