

# Converting Colors

Hex(1E9345)

Have a look what the booklet for  
Hex(1E9345) contains.

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# Color

Hex(1E9345)

# Conversions

## Conversions Part 1

Format	Color
Hex	1E9345
RGB	30, 147, 69
RGB Percent	12%, 58%, 27%
CMY	0.8824, 0.4235, 0.7294
CMYK	0.80, 0.00, 0.53, 0.42
HSL	140°, 66%, 35%
HSV	140°, 80%, 58%
XYZ	12.0433, 21.5731, 9.1595
YIQ	103.1250, -44.6940, -49.0620

# Conversions

## Conversions Part 2

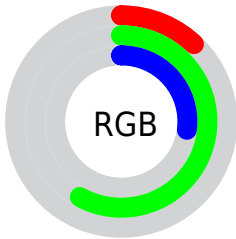
<b>Format</b>	<b>Color</b>
<b>RYB</b>	30, 118, 147
Decimal	2003781
CIELab	53.57, -48.74, 32.32
CIElCh	54, 58.482, 146.454
Yxy	21.5731, 0.2815, 0.5043
Android (android.graphics.Color)	4280193861 (0xFF1E9345)
YUV	103.1250, -16.8236, -64.1306
Hunter-Lab	46.4469, -34.9984, 20.8206

# Details

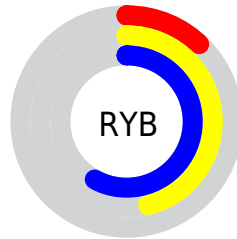
The Hex color **1E9345** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **931E6C**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **5FCA77**, and **005F15** is the 20% darker color. If you saturate the color by 10%, you get **0F933B**, and if you desaturate by 10%, it is **2D934F**.

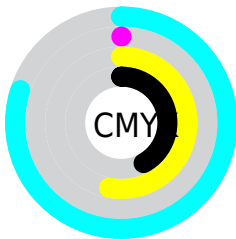
# Distribution



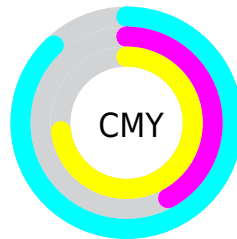
- Red (12%)
- Green (58%)
- Blue (27%)



- Red (12%)
- Yellow (46%)
- Blue (58%)



- Cyan (80%)
- Magenta (0%)
- Yellow (53%)
- Black (42%)



- Cyan (88%)
- Magenta (42%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1E9345 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 1E9345 by changing the saturation by 10% instead.



 1E9345

 1E9345

FFFFFF

 00792D

 5FCA77

 005F15

 7CE791

 004600

 98FFAC

 002F00

 B5FFC8

 001500

 D3FFE4

 000000

 F0FFFF

 1E9345

 1E9345

 0F933B

 2D934F

■ 019331

■ 3B9359

■ 009331

■ 4A9362

■ 59936C

■ 679376

■ 769380

■ 85938A

■ 949393

■ A2939D

# Harmonies

## Analogous

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



6D8A18



1E9345



009778

# Triad

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



1E9345



0088E5



D85356

# Complementary

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



1E9345



931E6C

# 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.



D64E88



1E9345



7475DB

# Square

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



1E9345



0093D3



B75EB8



C3672A

# Rectangle

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



1E9345



00989B



B75EB8



DB4F66



# Sweetspot

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



1E9345



91BFA1



6C931E



45614E



E0E0E0



616161



# Same Dimension

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



1E9345



08BF45



1E937F



434A45



008A2E



000A03



# Inverse Universe

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



931E6C



BF0882



931E32



4A4347



8A005C



0A0007



# Previews

## White Background



This preview shows how the Hex color 1E9345 looks on a white background.

## Color Contrast Check

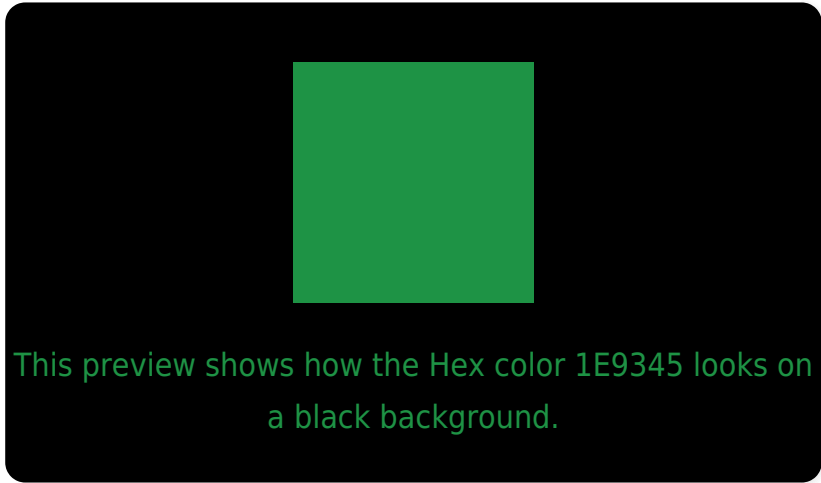
Large Text (above 18pt) WCAG AA ✓ Pass

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

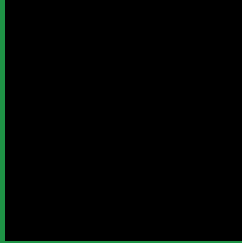
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 1E9345 Background



This preview shows how black text looks on a background with the Hex color 1E9345.



This preview shows how white text looks on a background with the Hex color 1E9345.

# 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**  
1E9345

**Protanopia**  
8D7F3E

**Deuteranopia**  
9A794C



**Tritanopia**  
3F8A96

# Trichromacy



**Original Color**  
1E9345



**Protanomaly**  
658641



**Deuteranomaly**  
6D8249



**Tritanomaly**  
338D79

# Monochromacy



**Original Color**  
1E9345



**Achromatopsia**  
676767



**Achromatomaly**  
4C775B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1E9345 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 #1E9345 looks like.

```
.text, #text, p{  
    color:#1E9345  
}
```

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 #1E9345 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E9345
}
```

## Border

The CSS property to change the border of an element to Hex 1E9345 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
#1E9345 }
```

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

```
.border{ border-color:#1E9345 }
```

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

Here you see how a box with a 4 pixel #1E9345 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E9345; -webkit-box-shadow:4px 4px  
4px 4px #1E9345; box-shadow:4px 4px 4px  
4px #1E9345 }
```

# Background

The CSS property to change the background color of an element to Hex 1E9345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E9345 }
```

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

```
.background{ background-color:#1E9345 }
```

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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