

Converting Colors

Hex(1E9D35)

Have a look what the booklet for
Hex(1E9D35) contains.

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Color

Hex(1E9D35)

Conversions

Conversions Part 1

Format	Color
Hex	1E9D35
RGB	30, 157, 53
RGB Percent	12%, 62%, 21%
CMY	0.8824, 0.3843, 0.7922
CMYK	0.81, 0.00, 0.66, 0.38
HSL	131°, 68%, 37%
HSV	131°, 81%, 62%
XYZ	13.2350, 24.6470, 7.4280
YIQ	107.1710, -42.3080, -59.2680

Conversions

Conversions Part 2

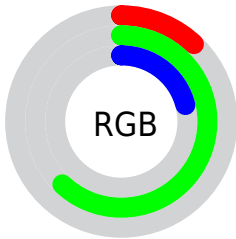
Format	Color
R_{YB}	30, 138, 157
Decimal	2006325
CIE _{Lab}	56.73, -54.33, 43.68
CIE _{LCh}	57, 69.711, 141.206
Yxy	24.6470, 0.2921, 0.5440
Android (android.graphics.Color)	4280196405 (0xFF1E9D35)
YUV	107.1710, -26.7063, -67.6790
Hunter-Lab	49.6457, -39.2940, 25.8811

Details

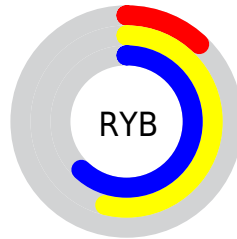
The Hex color **1E9D35** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **9D1E86**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **62D568**, and **006800** is the 20% darker color. If you saturate the color by 10%, you get **0E9D28**, and if you desaturate by 10%, it is **2E9D42**.

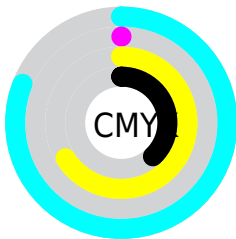
Distribution



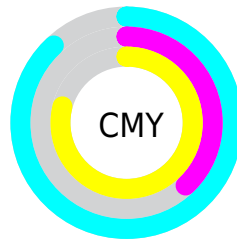
- Red (12%)
- Green (62%)
- Blue (21%)



- Red (12%)
- Yellow (54%)
- Blue (62%)



- Cyan (81%)
- Magenta (0%)
- Yellow (66%)
- Black (38%)



- Cyan (88%)
- Magenta (38%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E9D35 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 1E9D35 by changing the saturation by 10% instead.

 1E9D35

 1E9D35

FFFFFF

 00821A

 62D568

 006800

 80F282

 004F00

 9DFF9D

 003700

 BAFFB9

 001F00

 D8FFD5

 000000

 F6FFF2

 1E9D35

 1E9D35

 0E9D28

 2E9D42

■ 009D1C

■ 3D9D4F

■ 4D9D5C

■ 5D9D68

■ 6D9D75

■ 7C9D82

■ 8C9D8F

■ 9C9D9C

■ AB9DA9

Harmonies

Analogous

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



7B9200



1E9D35



00A274

Triad

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



1E9D35



0095FF



F24A60

Complementary

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



1E9D35



9D1E86

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.



EB489D



1E9D35



5D80FA

Square

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



1E9D35



00A0E6



BF62D5



DD6427

Rectangle

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



1E9D35



00A49E



BF62D5



F34574

Sweetspot

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



1E9D35



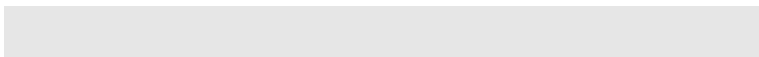
9BCCA4



889D1E



48664E



E6E6E6



666666

Same Dimension

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



1E9D35



06CC2A



1E9D73



474F49



008F1A



000F03

Inverse Universe

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



9D1E86



CC06A8



9D1E48



4F474E



8F0075



0F000D

Previews

White Background



This preview shows how the Hex color 1E9D35 looks on a white background.

Color Contrast Check

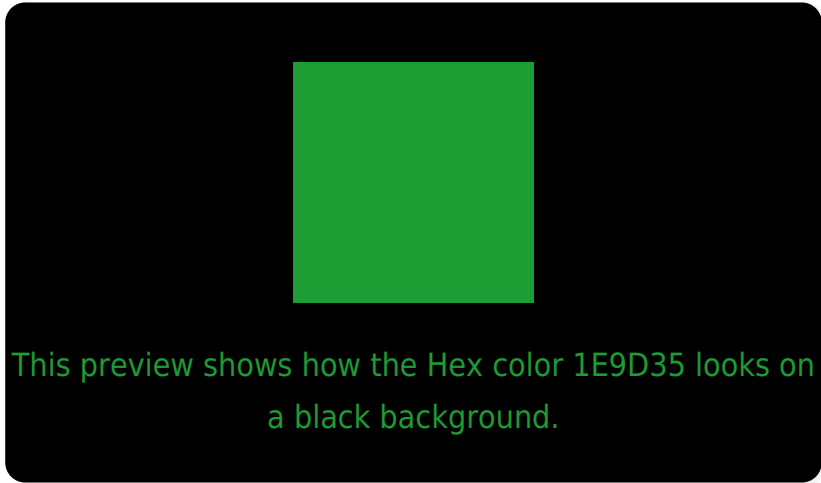
Large Text (above 18pt) WCAG AA ✓ Pass

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 1E9D35 Background



This preview shows how black text looks on a background with the Hex color 1E9D35.



This preview shows how white text looks on a background with the Hex color 1E9D35.

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
1E9D35

Protanopia
97872F

Deuteranopia
A7813E



Tritanopia
45939F

Trichromacy



Original Color
1E9D35



Protanomaly
6B8F31



Deuteranomaly
758B3B



Tritanomaly
379778

Monochromacy



Original Color
1E9D35



Achromatopsia
6B6B6B



Achromatomaly
4F7D57

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E9D35 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 #1E9D35 looks like.

```
.text, #text, p{  
    color:#1E9D35  
}
```

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 #1E9D35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E9D35
}
```

Border

The CSS property to change the border of an element to Hex 1E9D35 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
#1E9D35 }
```

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

```
.border{ border-color:#1E9D35 }
```

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

Here you see how a box with a 4 pixel #1E9D35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E9D35; -webkit-box-shadow:4px 4px  
4px 4px #1E9D35; box-shadow:4px 4px 4px  
4px #1E9D35 }
```

Background

The CSS property to change the background color of an element to Hex 1E9D35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E9D35 }
```

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

```
.background{ background-color:#1E9D35 }
```

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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