

Converting Colors

Hex(1EAE27)

Have a look what the booklet for
Hex(1EAE27) contains.

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Color

Hex(1EAE27)

Conversions

Conversions Part 1

Format	Color
Hex	1EAE27
RGB	30, 174, 39
RGB Percent	12%, 68%, 15%
CMY	0.8824, 0.3176, 0.8471
CMYK	0.83, 0.00, 0.78, 0.32
HSL	124°, 71%, 40%
HSV	124°, 83%, 68%
XYZ	16.0377, 30.6946, 6.9988
YIQ	115.5540, -42.4890, -72.5130

Conversions

Conversions Part 2

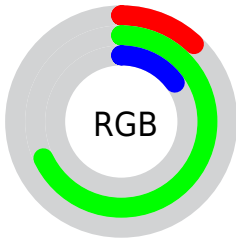
Format	Color
RYB	30, 166, 174
Decimal	2010663
CIELab	62.25, -60.99, 54.80
CIElCh	62, 81.988, 138.060
Yxy	30.6946, 0.2985, 0.5713
Android (android.graphics.Color)	4280200743 (0xFF1EAE27)
YUV	115.5540, -37.7411, -75.0309
Hunter-Lab	55.4027, -45.2835, 31.2920

Details

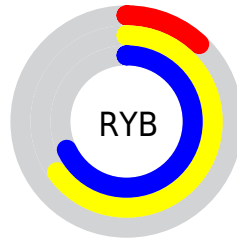
The Hex color **1EAE27** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **AE1EA5**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **68E75E**, and **007800** is the 20% darker color. If you saturate the color by 10%, you get **0DAE17**, and if you desaturate by 10%, it is **2FAE37**.

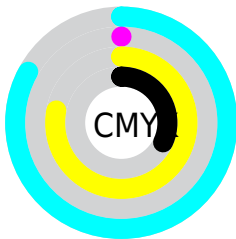
Distribution



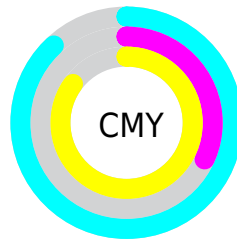
- Red (12%)
- Green (68%)
- Blue (15%)



- Red (12%)
- Yellow (65%)
- Blue (68%)



- Cyan (83%)
- Magenta (0%)
- Yellow (78%)
- Black (32%)



- Cyan (88%)
- Magenta (32%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1EAE27 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 1EAE27 by changing the saturation by 10% instead.

 1EAE27

 1EAE27

FFFFFF

 009300

 68E75E

 007800

 86FF79

 005E00

 A4FF95

 004500

 C2FFB0

 002E00

 E1FFCD

 000F00

 FFFFEA

 000000

 1EAE27

 1EAE27

 0DAE17

 2FAE37

 00AE0B

 41AE48

 52AE58

 64AE68

 75AE79

 86AE89

 98AE99

 A9AEAA

 BBAEBA

Harmonies

Analogous

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



8CA000



1EAE27



00B576

Triad

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



1EAE27



00A8FF



FF436E

Complementary

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



1EAE27



AE1EA5

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.



FF45B7



1EAE27



3F90FF

Square

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



1EAE27



00B3FF



CF6CF9



FD6628

Rectangle

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



1EAE27



00B6A9



CF6CF9



FF3D86

Sweetspot

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



1EAE27



AAE3AE



A7AE1E



507352



F2F2F2



737373

Same Dimension

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



1EAE27



02E310



1EAE6D



4E574F



009609



001701

Inverse Universe

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



AE1EA5



E302D5



AE1E5F



574E56



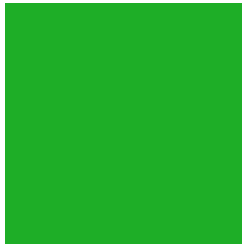
96008D



170016

Previews

White Background



This preview shows how the Hex color 1EAE27 looks on a white background.

Color Contrast Check

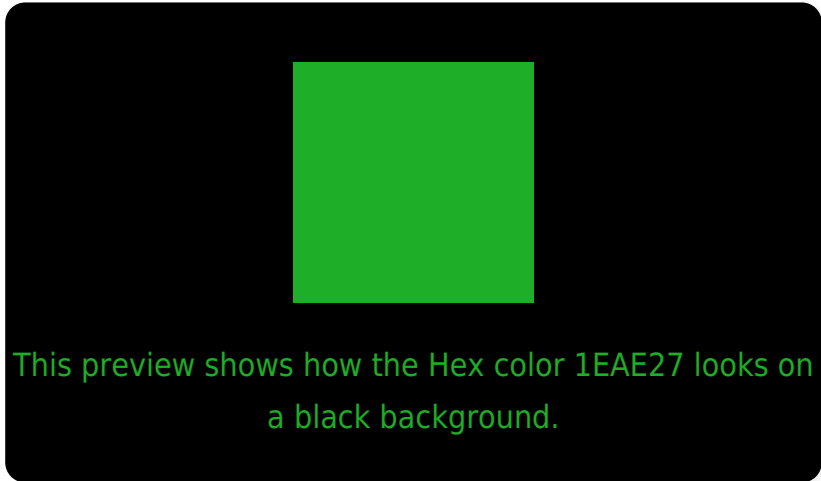
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 1EAE27 Background



This preview shows how black text looks on a background with the Hex color 1EAE27.

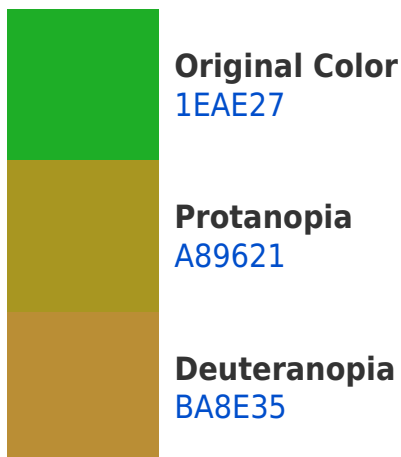


This preview shows how white text looks on a background with the Hex color 1EAE27.

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





Tritanopia
4DA2AF

Trichromacy



Original Color
1EAE27



Protanomaly
769F23



Deuteranomaly
819A30



Tritanomaly
3CA67E

Monochromacy



Original Color
1EAE27



Achromatopsia
747474



Achromatomaly
558958

CSS Examples

Text

The CSS property to change the color of the text to Hex 1EAE27 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 #1EAE27 looks like.

```
.text, #text, p{  
    color:#1EAE27  
}
```

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 #1EAE27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1EAE27  
}
```

Border

The CSS property to change the border of an element to Hex 1EAE27 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".

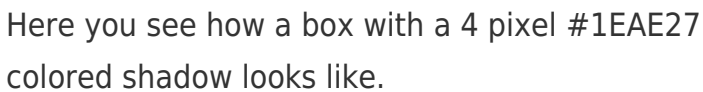
```
.border, #border, table{ border:4px solid  
#1EAE27 }
```

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

```
.border{ border-color:#1EAE27 }
```

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

Here you see how a box with a 4 pixel #1EAE27 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1EAE27; -webkit-box-shadow:4px 4px  
4px 4px #1EAE27; box-shadow:4px 4px 4px  
4px #1EAE27 }
```

Background

The CSS property to change the background color of an element to Hex 1EAE27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1EAE27 }
```

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

```
.background{ background-color:#1EAE27 }
```

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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