

Converting Colors

Hex(1E5D09)

Have a look what the booklet for
Hex(1E5D09) contains.

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Color

Hex(1E5D09)

Conversions

Conversions Part 1

Format	Color
Hex	1E5D09
RGB	30, 93, 9
RGB Percent	12%, 36%, 4%
CMY	0.8824, 0.6353, 0.9647
CMYK	0.68, 0.00, 0.90, 0.64
HSL	105°, 82%, 20%
HSV	105°, 90%, 36%
XYZ	4.4991, 8.1244, 1.5895
YIQ	64.5870, -10.5840, -39.4800

Conversions

Conversions Part 2

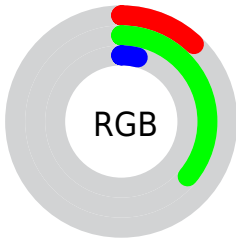
Format	Color
R_YB	9, 93, 72
Decimal	1989897
CIE Lab	34.24, -35.69, 37.74
CIE LCh	34, 51.941, 133.396
Yxy	8.1244, 0.3165, 0.5716
Android (android.graphics.Color)	4280179977 (0xFF1E5D09)
YUV	64.5870, -27.4044, -30.3328
Hunter-Lab	28.5034, -21.7059, 16.6461

Details

The Hex color **1E5D09** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **48095D**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **54903D**, and **002E00** is the 20% darker color. If you saturate the color by 10%, you get **175D00**, and if you desaturate by 10%, it is **255D12**.

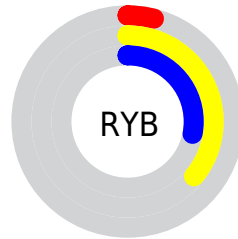
Distribution



Red (12%)

Green (36%)

Blue (4%)



Red (4%)

Yellow (36%)

Blue (28%)

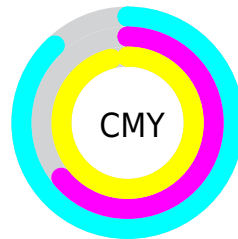


Cyan (68%)

Magenta (0%)

Yellow (90%)

Black (64%)



Cyan (88%)


Magenta (64%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E5D09 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 1E5D09 by changing the saturation by 10% instead.

 1E5D09

 1E5D09

 FFFFF8

 004500

 54903D

 002E00

 6FAB55

 001700

 89C66F

 000000


 A5E389

 C1FFA4

 DDFFBF

 FBFFDB

 1E5D09

 1E5D09

■ 175D00

■ 255D12

■ 2C5D1C

■ 335D25

■ 3A5D2E

■ 415D37

■ 485D41

■ 4F5D4A

■ 565D53

■ 5D5D5D

Harmonies

Analogous

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



515400



1E5D09



006137

Triad

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



1E5D09



005CA0



992040

Complementary

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



1E5D09



48095D

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.



8E2669



1E5D09



004FA2

Square

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



1E5D09



006189



693C8D



8E3218

Rectangle

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



1E5D09



006354



693C8D



981E4E

Sweetspot

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



1E5D09



607857



5D4809



2F3D2A



BDBDBD



3D3D3D

Same Dimension

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



1E5D09



1E7800



095D1E



2A2E29



1B6E00



3BED00

Inverse Universe

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



48095D



5A0078



5D0948



2D292E



52006E



B200ED

Previews

White Background



This preview shows how the Hex color 1E5D09 looks on a white background.

Color Contrast Check

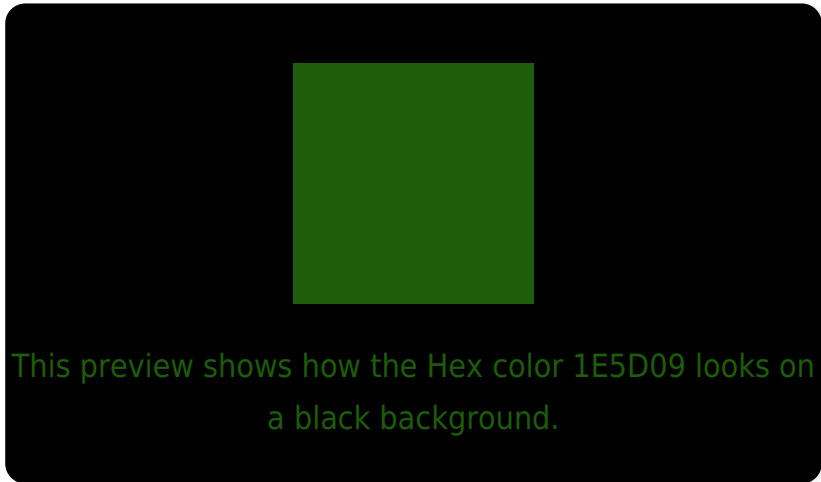
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

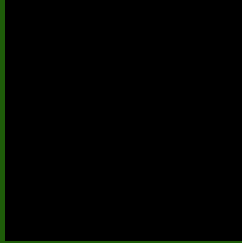
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 1E5D09 Background



This preview shows how black text looks on a background with the Hex color 1E5D09.



This preview shows how white text looks on a background with the Hex color 1E5D09.

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](#).

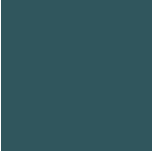
Dichromacy



Original Color
1E5D09

Protanopia
5B5100

Deuteranopia
654C15



Tritanopia
30565D

Trichromacy



Original Color
1E5D09

Protanomaly
455503

Deuteranomaly
4B5211

Tritanomaly
29593E

Monochromacy



Original Color
1E5D09

Achromatopsia
414141

Achromatomaly
344B2D

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E5D09 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 #1E5D09 looks like.

```
.text, #text, p{  
    color:#1E5D09  
}
```

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 #1E5D09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E5D09
}
```

Border

The CSS property to change the border of an element to Hex 1E5D09 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".

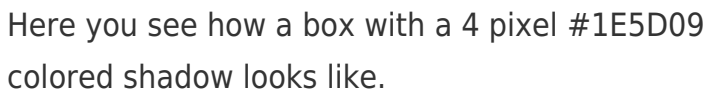
```
.border, #border, table{ border:4px solid
#1E5D09 }
```

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

```
.border{ border-color:#1E5D09 }
```

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

Here you see how a box with a 4 pixel #1E5D09 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E5D09; -webkit-box-shadow:4px 4px  
4px 4px #1E5D09; box-shadow:4px 4px 4px  
4px #1E5D09 }
```

Background

The CSS property to change the background color of an element to Hex 1E5D09 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E5D09 }
```

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

```
.background{ background-color:#1E5D09 }
```

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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