

# Converting Colors

Hex(1E2D09)

Have a look what the booklet for  
Hex(1E2D09) contains.

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# Color

Hex(1E2D09)

# Conversions

## Conversions Part 1

Format	Color
Hex	1E2D09
RGB	30, 45, 9
RGB Percent	12%, 18%, 4%
CMY	0.8824, 0.8235, 0.9647
CMYK	0.33, 0.00, 0.80, 0.82
HSL	85°, 67%, 11%
HSV	85°, 80%, 18%
XYZ	1.5231, 2.1725, 0.5975
YIQ	36.4110, 2.6160, -14.3760

# Conversions

## Conversions Part 2

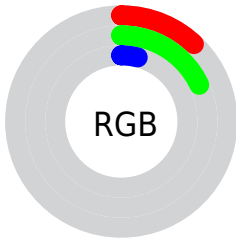
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	9, 45, 24
Decimal	1977609
CIE <sub>Lab</sub>	16.37, -13.46, 19.67
CIE <sub>LCh</sub>	16, 23.837, 124.376
Yxy	2.1725, 0.3548, 0.5060
Android (android.graphics.Color)	4280167689 (0xFF1E2D09)
YUV	36.4110, -13.5136, -5.6224
Hunter-Lab	14.7395, -7.3486, 7.9141

# Details

The Hex color **1E2D09** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **18092D**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **4B5B35**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1C2D04**, and if you desaturate by 10%, it is **202D0E**.

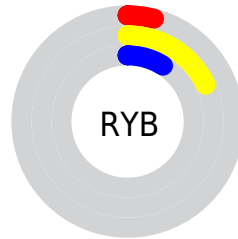
# Distribution



Red (12%)

Green (18%)

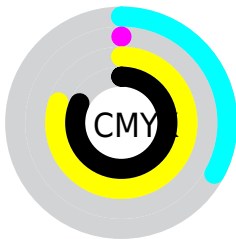
Blue (4%)



Red (4%)

Yellow (18%)

Blue (9%)

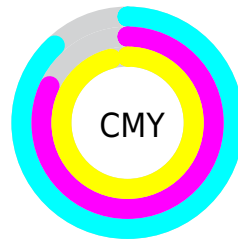


Cyan (33%)

Magenta (0%)

Yellow (80%)

Black (82%)



Cyan (88%)

Magenta (82%)

Yellow (96%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 1E2D09 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 1E2D09 by changing the saturation by 10% instead.



 1E2D09

 1E2D09

 FFFFEA

 011900

 4B5B35

 000000

 63734C

 7C8D64


 97A77E

 B1C398

 CDDFB2

 E9FBCE

 1E2D09

 1E2D09

■ 1C2D04

■ 202D0E

■ 1A2D00

■ 222D12

■ 242D17

■ 262D1B

■ 272D20

■ 292D24

■ 2B2D29

■ 2D2D2D

■ 2F2D32

# Harmonies

## Analogous

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



302800



1E2D09



023019

# Triad

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



1E2D09



002E47



471927

# Complementary

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



1E2D09



18092D

# 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.



3F1C38



1E2D09



072A4A

# Square

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



1E2D09



00303B



2C2345



461C16

# Rectangle

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



1E2D09



003125



2C2345



46192C



# Sweetspot

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



1E2D09



353B2D



2D1809



1B1F16



9E9E9E



1F1F1F



# Same Dimension

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



1E2D09



233B02



0D2D09



161715



335700



7DD600



# Inverse Universe

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



18092D



1A023B



2A092D



161517



240057



5900D6



# Previews

## White Background



This preview shows how the Hex color 1E2D09 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

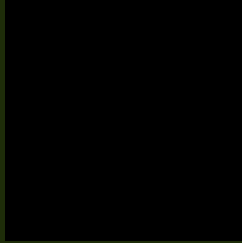
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1E2D09 Background



This preview shows how black text looks on a background with the Hex color 1E2D09.



This preview shows how white text looks on a background with the Hex color 1E2D09.

# 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**  
1E2D09

**Protanopia**  
2E2908

**Deuteranopia**  
33270C



# Trichromacy



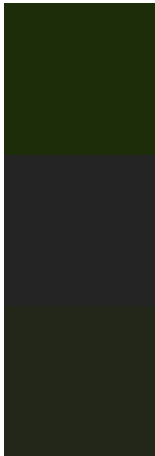
**Original Color**  
1E2D09

**Protanomaly**  
282A08

**Deuteranomaly**  
2B290B

**Tritanomaly**  
212B20

# Monochromacy



**Original Color**  
1E2D09

**Achromatopsia**  
242424

**Achromatomaly**  
22271A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1E2D09 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 #1E2D09 looks like.

```
.text, #text, p{  
    color:#1E2D09  
}
```

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 #1E2D09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E2D09
}
```

## Border

The CSS property to change the border of an element to Hex 1E2D09 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".

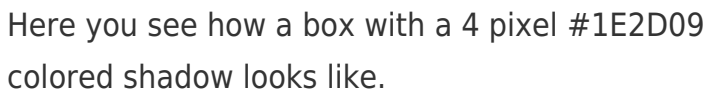
```
.border, #border, table{ border:4px solid
#1E2D09 }
```

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

```
.border{ border-color:#1E2D09 }
```

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

Here you see how a box with a 4 pixel #1E2D09 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E2D09; -webkit-box-shadow:4px 4px  
4px 4px #1E2D09; box-shadow:4px 4px 4px  
4px #1E2D09 }
```

# Background

The CSS property to change the background color of an element to Hex 1E2D09 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E2D09 }
```

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

```
.background{ background-color:#1E2D09 }
```

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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