

# Converting Colors

Hex(21510E)

Have a look what the booklet for  
Hex(21510E) contains.

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# Color

**Hex(21510E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	21510E
RGB	33, 81, 14
RGB Percent	13%, 32%, 5%
CMY	0.8706, 0.6824, 0.9451
CMYK	0.59, 0.00, 0.83, 0.68
HSL	103°, 71%, 19%
HSV	103°, 83%, 32%
XYZ	3.6489, 6.2399, 1.4276
YIQ	59.0100, -7.1010, -31.0130

# Conversions

## Conversions Part 2

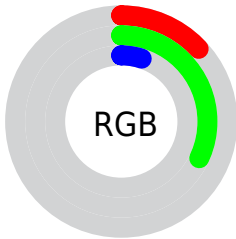
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	14, 81, 62
Decimal	2183438
CIE <sub>Lab</sub>	30.01, -29.65, 32.17
CIE <sub>LCh</sub>	30, 43.745, 132.664
Yxy	6.2399, 0.3224, 0.5514
Android (android.graphics.Color)	4280373518 (0xFF21510E)
YUV	59.0100, -22.1899, -22.8108
Hunter-Lab	24.9798, -17.6404, 14.0975

# Details

The Hex color **21510E** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **3E0E51**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **54833E**, and **002400** is the 20% darker color. If you saturate the color by 10%, you get **1B5106**, and if you desaturate by 10%, it is **275116**.

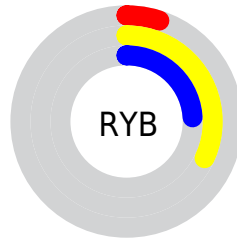
# Distribution



Red (13%)

Green (32%)

Blue (5%)



Red (5%)

Yellow (32%)

Blue (24%)

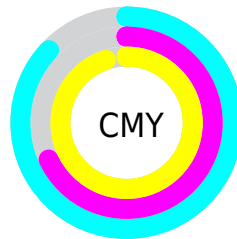


Cyan (59%)

Magenta (0%)

Yellow (83%)

Black (68%)



Cyan (87%)

Magenta (68%)


Yellow (95%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 21510E 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 21510E by changing the saturation by 10% instead.



 21510E

 21510E

 FFFFF8

 073900

 54833E

 002400

 6D9D56

 000000


 88B86F

 A3D489

 BEF1A4

 DBFFBF

 F8FFDB

 21510E

 21510E

■ 1B5106

■ 275116

■ 175100

■ 2D511E

■ 325126

■ 38512E

■ 3E5137

■ 44513F

■ 4A5147

■ 4F514F

■ 555157

# Harmonies

## Analogous

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



494A00



21510E



005531

# Triad

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



21510E



005088



83223A

# Complementary

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



21510E



3E0E51

# 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.



79265C



21510E



08468A

# Square

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



21510E



005574



5A3779



7B2E1A

# Rectangle

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



21510E



005649



5A3779



822145



# Sweetspot

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



21510E



56694E



513D0E



2A3625



B5B5B5



363636



# Same Dimension

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



21510E



1E6901



0E511B



262925



1E6900



42E800



# Inverse Universe

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



3E0E51



4B0169



510E44



282529



4B0069

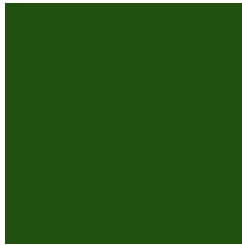


A600E8



# Previews

## White Background



This preview shows how the Hex color 21510E looks on a white background.

## Color Contrast Check

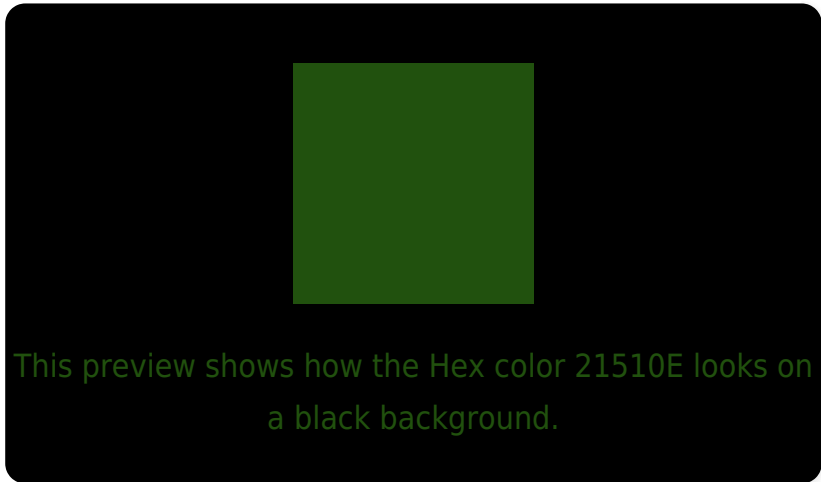
Large Text (above 18pt) WCAG AA ✓ Pass

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

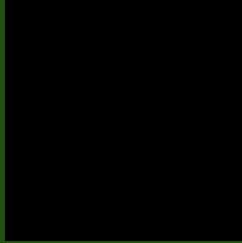
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 21510E Background



This preview shows how black text looks on a background with the Hex color 21510E.



This preview shows how white text looks on a background with the Hex color 21510E.

# 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**  
21510E

**Protanopia**  
50470B

**Deuteranopia**  
584315



**Tritanopia**  
2E4B51

# Trichromacy



**Original Color**  
21510E

**Protanomaly**  
3F4B0C

**Deuteranomaly**  
444812

**Tritanomaly**  
294D39

# Monochromacy



**Original Color**  
21510E

**Achromatopsia**  
3B3B3B

**Achromatomaly**  
32432B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 21510E 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 #21510E looks like.

```
.text, #text, p{  
    color:#21510E  
}
```

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 #21510E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21510E
}
```

## Border

The CSS property to change the border of an element to Hex 21510E 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".

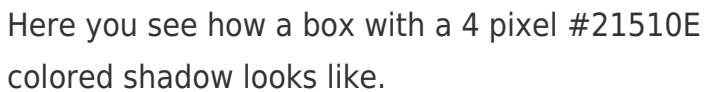
```
.border, #border, table{ border:4px solid
#21510E }
```

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

```
.border{ border-color:#21510E }
```

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

Here you see how a box with a 4 pixel #21510E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21510E; -webkit-box-shadow:4px 4px  
4px 4px #21510E; box-shadow:4px 4px 4px  
4px #21510E }
```

# Background

The CSS property to change the background color of an element to Hex 21510E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21510E }
```

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

```
.background{ background-color:#21510E }
```

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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