

# Converting Colors

Hex(281500)

Have a look what the booklet for  
Hex(281500) contains.

<b>Hex(281500)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(281500)**

# Conversions

## Conversions Part 1

Format	Color
Hex	281500
RGB	40, 21, 0
RGB Percent	16%, 8%, 0%
CMY	0.8431, 0.9176, 1.0000
CMYK	0.00, 0.47, 1.00, 0.84
HSL	32°, 100%, 8%
HSV	32°, 100%, 16%
XYZ	1.1432, 0.9874, 0.1303
YIQ	24.2870, 18.0650, -2.5030

# Conversions

## Conversions Part 2

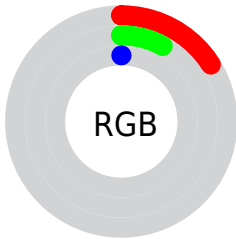
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">36, 40, 0</a>
Decimal	<a href="#">2626816</a>
CIELab	<a href="#">8.89, 7.29, 13.46</a>
CIElCh	<a href="#">9, 15.306, 61.549</a>
Yxy	<a href="#">0.9874, 0.5056, 0.4367</a>
Android (android.graphics.Color)	<a href="#">4280816896 (0xFF281500)</a>
YUV	<a href="#">24.2870, -11.9735, 13.7803</a>
Hunter-Lab	<a href="#">9.9370, 3.1463, 6.1782</a>

# Details

The Hex color **281500** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **001328**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **564030**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **281500**, and if you desaturate by 10%, it is **281704**.

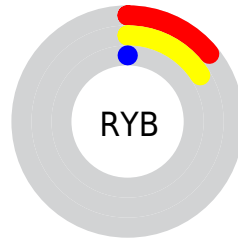
# Distribution



Red (16%)

Green (8%)

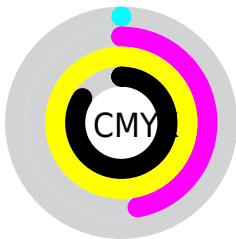
Blue (0%)



Red (14%)

Yellow (16%)

Blue (0%)

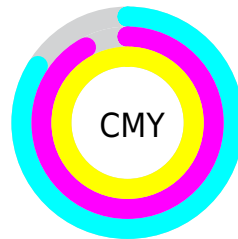


Cyan (0%)

Magenta (47%)

Yellow (100%)

Black (84%)



Cyan (84%)

Magenta (92%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 281500 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 281500 by changing the saturation by 10% instead.



 281500

 281500

 FFF6E2

 060000

 564030

 000000

 6F5746

 896F5E

 A38977

 BFA390

 DBBEAB

 F7DAC6

 281500

■ 281704

■ 281908

■ 281B0C

■ 281D10

■ 281E14

■ 282018

■ 28221C

■ 282420

■ 282624

# Harmonies

## Analogous

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



2C120D



281500



211900

# Triad

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



281500



001F19



1B162B

# Complementary

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



281500



001328

# 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.



071A2E



281500



001E24

# Square

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



281500



061E0E



001D2B



261223

# Rectangle

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



281500



1A1B00



001D2B



15182C



# Sweetspot

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



281500



332C24



280013



1A1510



999999



1A1A1A



# Same Dimension

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



281500



331B00



272800



141312



542C00



D46F00



# Inverse Universe

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



001328



001833



010028



121314



002854

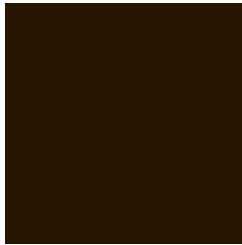


0065D4



# Previews

## White Background



This preview shows how the Hex color 281500 looks on a white background.

## Color Contrast Check

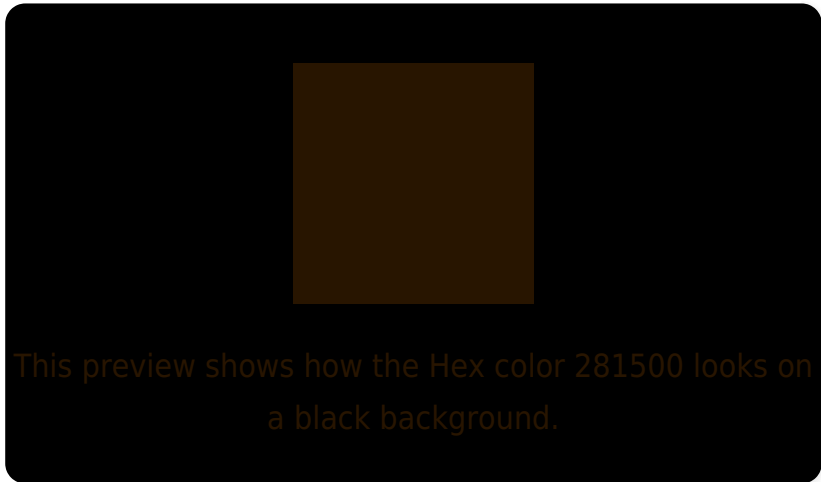
Large Text (above 18pt) WCAG AA ✓ Pass

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

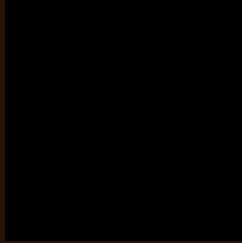
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 281500 Background



This preview shows how black text looks on a background with the Hex color 281500.

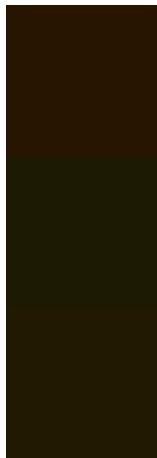


This preview shows how white text looks on a background with the Hex color 281500.

# 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](#).

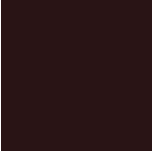
## Dichromacy



**Original Color**  
281500

**Protanopia**  
1D1A03

**Deuteranopia**  
211900



**Tritanopia**  
291415

# Trichromacy



**Original Color**  
281500

**Protanomaly**  
211802

**Deuteranomaly**  
241800

**Tritanomaly**  
29140D

# Monochromacy



**Original Color**  
281500

**Achromatopsia**  
181818

**Achromatomaly**  
1E170F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 281500 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 #281500 looks like.

```
.text, #text, p{  
    color:#281500  
}
```

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 #281500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #281500
}
```

## Border

The CSS property to change the border of an element to Hex 281500 is called "border". The border property can be set on classes, ids or directly on the HTML element.

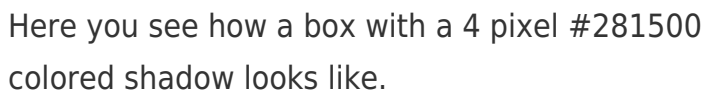
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#281500 }
```

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

```
.border{ border-color:#281500 }
```

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



Here you see how a box with a 4 pixel #281500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #281500; -webkit-box-shadow:4px 4px  
4px 4px #281500; box-shadow:4px 4px 4px  
4px #281500 }
```

# Background

The CSS property to change the background color of an element to Hex 281500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#281500 }
```

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

```
.background{ background-color:#281500 }
```

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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