

# Converting Colors

Hex(25300C)

Have a look what the booklet for  
Hex(25300C) contains.

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**Color**

**Hex(25300C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	25300C
RGB	37, 48, 12
RGB Percent	15%, 19%, 5%
CMY	0.8549, 0.8118, 0.9529
CMYK	0.23, 0.00, 0.75, 0.81
HSL	78°, 60%, 12%
HSV	78°, 75%, 19%
XYZ	1.8863, 2.5338, 0.7375
YIQ	40.6070, 5.0000, -13.5280

# Conversions

## Conversions Part 2

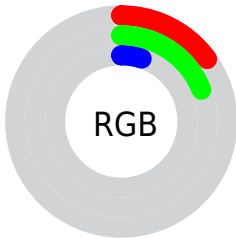
<b>Format</b>	<b>Color</b>
<b>RYB</b>	12, 48, 23
Decimal	2437132
CIELab	18.07, -11.49, 20.61
CIELCh	18, 23.592, 119.132
Yxy	2.5338, 0.3657, 0.4913
Android (android.graphics.Color)	4280627212 (0xFF25300C)
YUV	40.6070, -14.1033, -3.1633
Hunter-Lab	15.9178, -6.7039, 8.3955

# Details

The Hex color **25300C** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **170C30**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **535E38**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **243007**, and if you desaturate by 10%, it is **263011**.

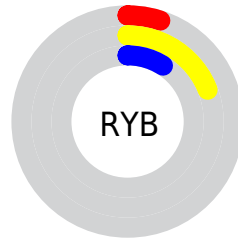
# Distribution



Red (15%)

Green (19%)

Blue (5%)



Red (5%)

Yellow (19%)

Blue (9%)

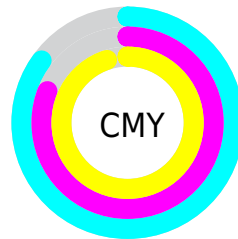


Cyan (23%)

Magenta (0%)

Yellow (75%)

Black (81%)



Cyan (85%)

Magenta (81%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 25300C 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 25300C by changing the saturation by 10% instead.



 25300C

 25300C

 FFFFED

 0F1B00

 535E38

 000000

 6C774F

 859067

 9FAB80

 BBC69A

 D6E2B5

 F3FFD1

 25300C

 25300C

■ 243007

■ 263011

■ 223002

■ 283016

■ 213000

■ 29301A

■ 2B301F

■ 2C3024

■ 2E3029

■ 2F302E

■ 313032

■ 323037

# Harmonies

## Analogous

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



362B06



25300C



0D331A

# Triad

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



25300C



003249



4A1D2D

# Complementary

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



25300C



170C30

# 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.



40213E



25300C



022E4E

# Square

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



25300C



00343C



2C284A



4B1F1D

# Rectangle

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



25300C



003425



2C284A



481E33



# Sweetspot

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



25300C



393D2F



30170C



1C1F16



9E9E9E



1F1F1F



# Same Dimension

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



25300C



2C3D06



13300C



161715



3C5700



95D600



# Inverse Universe

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



170C30



17063D



290C30



151517



1A0057



4100D6



# Previews

## White Background



This preview shows how the Hex color 25300C looks on a white background.

## Color Contrast Check

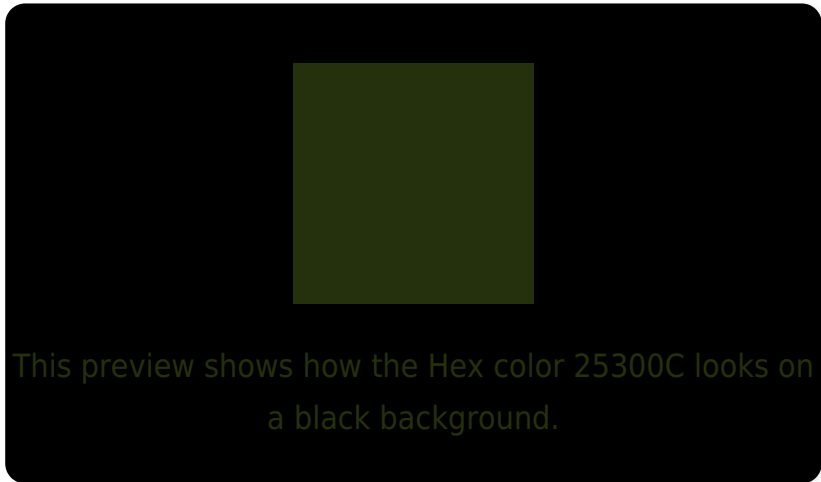
Large Text (above 18pt) WCAG AA ✓ Pass

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

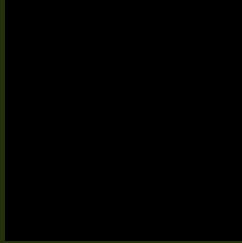
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

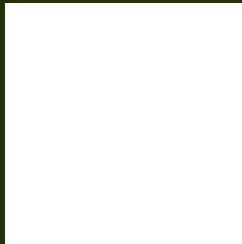
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 25300C Background



This preview shows how black text looks on a background with the Hex color 25300C.



This preview shows how white text looks on a background with the Hex color 25300C.

# 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**  
25300C

**Protanopia**  
322C0B

**Deuteranopia**  
372A0F



**Tritanopia**  
292D30

# Trichromacy



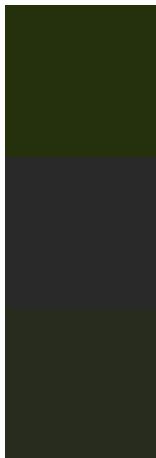
**Original Color**  
25300C

**Protanomaly**  
2D2D0B

**Deuteranomaly**  
302C0E

**Tritanomaly**  
282E23

# Monochromacy



**Original Color**  
25300C

**Achromatopsia**  
292929

**Achromatomaly**  
282C1E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 25300C 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 #25300C looks like.

```
.text, #text, p{  
    color:#25300C  
}
```

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 #25300C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25300C
}
```

## Border

The CSS property to change the border of an element to Hex 25300C 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".

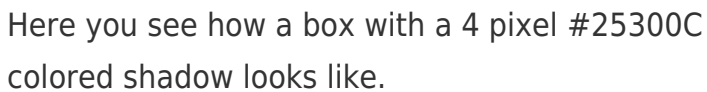
```
.border, #border, table{ border:4px solid
#25300C }
```

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

```
.border{ border-color:#25300C }
```

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

Here you see how a box with a 4 pixel #25300C 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 #25300C; -webkit-box-shadow:4px 4px  
4px 4px #25300C; box-shadow:4px 4px 4px  
4px #25300C }
```

# Background

The CSS property to change the background color of an element to Hex 25300C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25300C }
```

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

```
.background{ background-color:#25300C }
```

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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