

Converting Colors

Hex(253500)

Have a look what the booklet for
Hex(253500) contains.

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Color

Hex(253500)

Conversions

Conversions Part 1

Format	Color
Hex	253500
RGB	37, 53, 0
RGB Percent	15%, 21%, 0%
CMY	0.8549, 0.7922, 1.0000
CMYK	0.30, 0.00, 1.00, 0.79
HSL	78°, 100%, 10%
HSV	78°, 100%, 21%
XYZ	2.0361, 2.9395, 0.4601
YIQ	42.1740, 7.4770, -19.8750

Conversions

Conversions Part 2

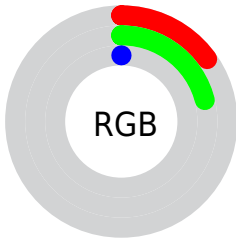
Format	Color
RYB	0, 53, 16
Decimal	2438400
CIELab	19.80, -15.45, 27.56
CIELCh	20, 31.592, 119.273
Yxy	2.9395, 0.3746, 0.5408
Android (android.graphics.Color)	4280628480 (0xFF253500)
YUV	42.1740, -20.7918, -4.5376
Hunter-Lab	17.1450, -8.8061, 10.4105

Details

The Hex color **253500** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **100035**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **54642F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **253500**, and if you desaturate by 10%, it is **273505**.

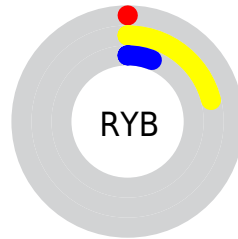
Distribution



Red (15%)

Green (21%)

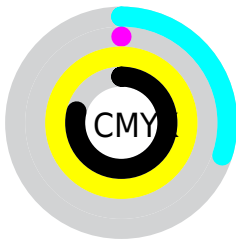
Blue (0%)



Red (0%)

Yellow (21%)

Blue (6%)

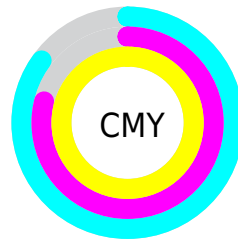


Cyan (30%)

Magenta (0%)

Yellow (100%)

Black (79%)



Cyan (85%)

Magenta (79%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 253500 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 253500 by changing the saturation by 10% instead.

 253500

 253500

 FFFFE4

 0E2000

 54642F

 000000

 6D7D46

 86975F

 A1B178

 BCCD92

 D8E9AD

 F5FFC8

 253500

■ 273505

■ 28350B

■ 2A3510

■ 2B3515

■ 2D351B

■ 2F3520

■ 303525

■ 32352A

■ 333530

Harmonies

Analogous

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



3C2F00



253500



003917

Triad

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



253500



003857



581831

Complementary

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



253500



100035

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.



4B1F48



253500



00335E

Square

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



253500



003A46



2E2A58



571C1B

Rectangle

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



253500



003A27



2E2A58



551939

Sweetspot

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



253500



3F4530



351000



202417



A3A3A3



242424

Same Dimension

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



253500



304500



0B3500



191A17



3E5900



97D900

Inverse Universe

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



100035



150045



2A0035



18171A



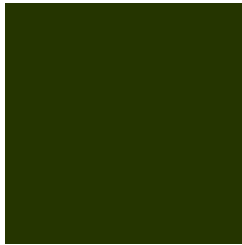
1B0059



4100D9

Previews

White Background



This preview shows how the Hex color 253500 looks on a white background.

Color Contrast Check

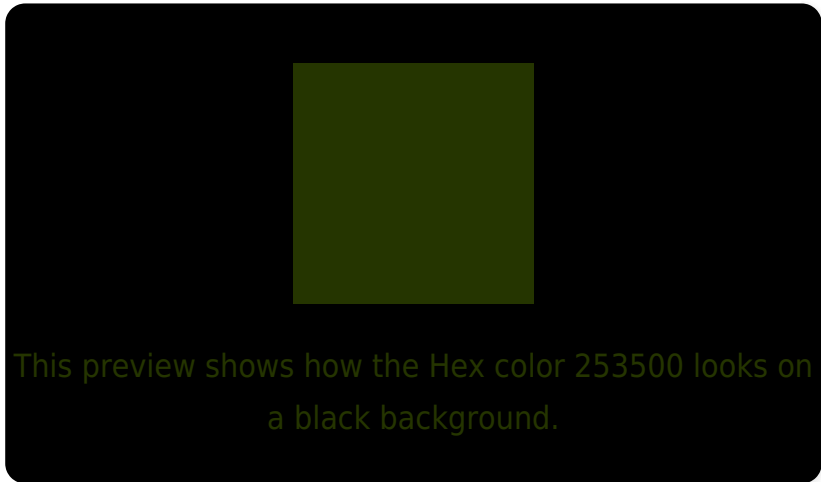
Large Text (above 18pt) WCAG AA ✓ Pass

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

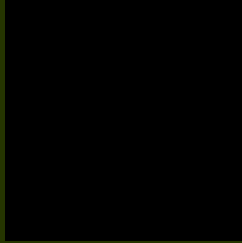
Any Text WCAG AA × Fail

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 253500 Background



This preview shows how black text looks on a background with the Hex color 253500.



This preview shows how white text looks on a background with the Hex color 253500.

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](#).

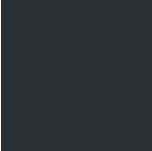
Dichromacy



Original Color
253500

Protanopia
363000

Deuteranopia
3D2E0A



Tritanopia
2A3135

Trichromacy



Original Color
253500

Protanomaly
303200

Deuteranomaly
343106

Tritanomaly
283222

Monochromacy



Original Color
253500

Achromatopsia
2A2A2A

Achromatomaly
282E1B

CSS Examples

Text

The CSS property to change the color of the text to Hex 253500 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 #253500 looks like.

```
.text, #text, p{  
    color:#253500  
}
```

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 #253500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #253500
}
```

Border

The CSS property to change the border of an element to Hex 253500 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".

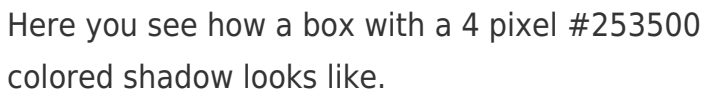
```
.border, #border, table{ border:4px solid
#253500 }
```

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

```
.border{ border-color:#253500 }
```

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

Here you see how a box with a 4 pixel #253500 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 #253500; -webkit-box-shadow:4px 4px  
4px 4px #253500; box-shadow:4px 4px 4px  
4px #253500 }
```

Background

The CSS property to change the background color of an element to Hex 253500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#253500 }
```

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

```
.background{ background-color:#253500 }
```

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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