

Converting Colors

Hex(223500)

Have a look what the booklet for
Hex(223500) contains.

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Color

Hex(223500)

Conversions

Conversions Part 1

Format	Color
Hex	223500
RGB	34, 53, 0
RGB Percent	13%, 21%, 0%
CMY	0.8667, 0.7922, 1.0000
CMYK	0.36, 0.00, 1.00, 0.79
HSL	82°, 100%, 10%
HSV	82°, 100%, 21%
XYZ	1.9328, 2.8863, 0.4552
YIQ	41.2770, 5.6890, -20.5110

Conversions

Conversions Part 2

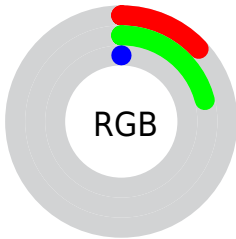
Format	Color
RYB	0, 53, 19
Decimal	2241792
CIELab	19.58, -16.90, 27.25
CIELCh	20, 32.066, 121.803
Yxy	2.8863, 0.3665, 0.5472
Android (android.graphics.Color)	4280431872 (0xFF223500)
YUV	41.2770, -20.3496, -6.3819
Hunter-Lab	16.9891, -9.4235, 10.3036

Details

The Hex color **223500** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **130035**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **50642F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **223500**, and if you desaturate by 10%, it is **243505**.

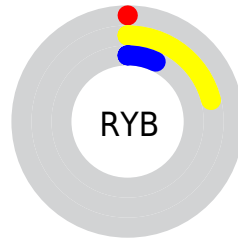
Distribution



Red (13%)

Green (21%)

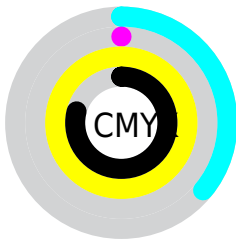
Blue (0%)



Red (0%)

Yellow (21%)

Blue (7%)

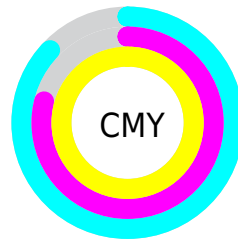


Cyan (36%)

Magenta (0%)

Yellow (100%)

Black (79%)



Cyan (87%)

Magenta (79%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 223500 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 223500 by changing the saturation by 10% instead.

 223500

 223500

 FFFFE4

 092000

 50642F

 000000

 697D46

 83975F

 9DB178

 B9CD92

 D5E9AD

 F1FFC8

 223500

■ 243505

■ 26350B

■ 283510

■ 2A3515

■ 2C351B

■ 2D3520

■ 2F3525

■ 31352A

■ 333530

Harmonies

Analogous

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



3A2F00



223500



003918

Triad

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



223500



003759



58172F

Complementary

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



223500



130035

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.



4C1D46



223500



00325E

Square

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



223500



003A47



302957



571B18

Rectangle

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



223500



003A28



302957



561837

Sweetspot

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



223500



3D4530



351300



1F2417



A3A3A3



242424

Same Dimension

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



223500



2C4500



083500



191A17



395900



8BD900

Inverse Universe

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



130035



190045



2D0035



18171A



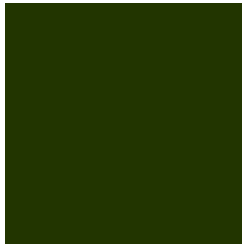
200059



4E00D9

Previews

White Background



This preview shows how the Hex color 223500 looks on a white background.

Color Contrast Check

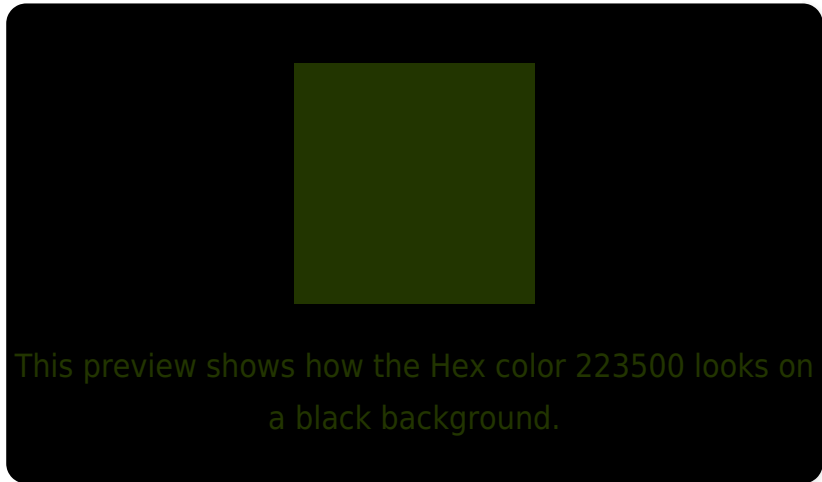
Large Text (above 18pt) WCAG AA ✓ Pass

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

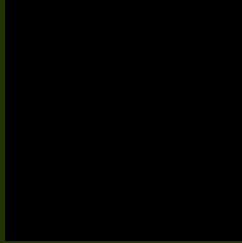
Any Text WCAG AA × Fail

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 223500 Background



This preview shows how black text looks on a background with the Hex color 223500.



This preview shows how white text looks on a background with the Hex color 223500.

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](#).

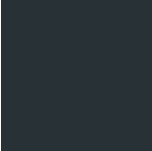
Dichromacy



Original Color
223500

Protanopia
363000

Deuteranopia
3C2D0A



Tritanopia
283135

Trichromacy



Original Color
223500

Protanomaly
2F3200

Deuteranomaly
333006

Tritanomaly
263222

Monochromacy



Original Color
223500

Achromatopsia
292929

Achromatomaly
262D1A

CSS Examples

Text

The CSS property to change the color of the text to Hex 223500 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 #223500 looks like.

```
.text, #text, p{  
    color:#223500  
}
```

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 #223500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #223500
}
```

Border

The CSS property to change the border of an element to Hex 223500 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".

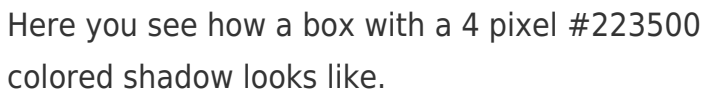
```
.border, #border, table{ border:4px solid
#223500 }
```

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

```
.border{ border-color:#223500 }
```

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

Here you see how a box with a 4 pixel #223500 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #223500; -webkit-box-shadow:4px 4px  
4px 4px #223500; box-shadow:4px 4px 4px  
4px #223500 }
```

Background

The CSS property to change the background color of an element to Hex 223500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#223500 }
```

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

```
.background{ background-color:#223500 }
```

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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