

Converting Colors

Hex(253000)

Have a look what the booklet for
Hex(253000) contains.

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Color

Hex(253000)

Conversions

Conversions Part 1

Format	Color
Hex	253000
RGB	37, 48, 0
RGB Percent	15%, 19%, 0%
CMY	0.8549, 0.8118, 1.0000
CMYK	0.23, 0.00, 1.00, 0.81
HSL	74°, 100%, 9%
HSV	74°, 100%, 19%
XYZ	1.8199, 2.5072, 0.3880
YIQ	39.2390, 8.8520, -17.2600

Conversions

Conversions Part 2

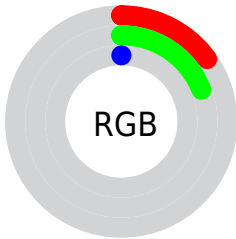
Format	Color
RYB	0, 48, 11
Decimal	2437120
CIELab	17.95, -12.58, 25.40
CIELCh	18, 28.344, 116.343
Yxy	2.5072, 0.3860, 0.5317
Android (android.graphics.Color)	4280627200 (0xFF253000)
YUV	39.2390, -19.3448, -1.9636
Hunter-Lab	15.8342, -7.1940, 9.6310

Details

The Hex color **253000** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0B0030**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **535E2F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **253000**, and if you desaturate by 10%, it is **263005**.

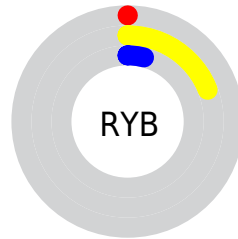
Distribution



Red (15%)

Green (19%)

Blue (0%)



Red (0%)

Yellow (19%)

Blue (4%)

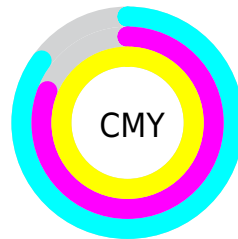


Cyan (23%)

Magenta (0%)

Yellow (100%)

Black (81%)



Cyan (85%)

Magenta (81%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 253000 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 253000 by changing the saturation by 10% instead.

 253000

 253000

 FFFFE3

 0C1C00

 535E2F

 000000

 6C7746

 86905E

 A0AB77

 BBC691

 D7E2AC

 F4FFC7

 253000

■ 263005

■ 27300A

■ 28300E

■ 293013

■ 2B3018

■ 2C301D

■ 2D3022

■ 2E3026

■ 2F302B

Harmonies

Analogous

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



392A00



253000



063414

Triad

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



253000



00344E



4F182F

Complementary

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



253000



0B0030

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.



421E43



253000



002F55

Square

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



253000



00353D



272851



501A1B

Rectangle

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



253000



003522



272851



4C1936

Sweetspot

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



253000



393D2B



300A00



1C1F14



9E9E9E



1F1F1F

Same Dimension

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



253000



2F3D00



0E3000



161715



435700



A5D600

Inverse Universe

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



0B0030



0E003D



220030



151517



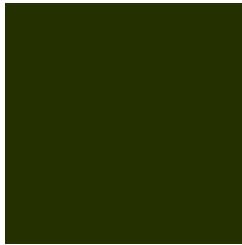
140057



3100D6

Previews

White Background



This preview shows how the Hex color 253000 looks on a white background.

Color Contrast Check

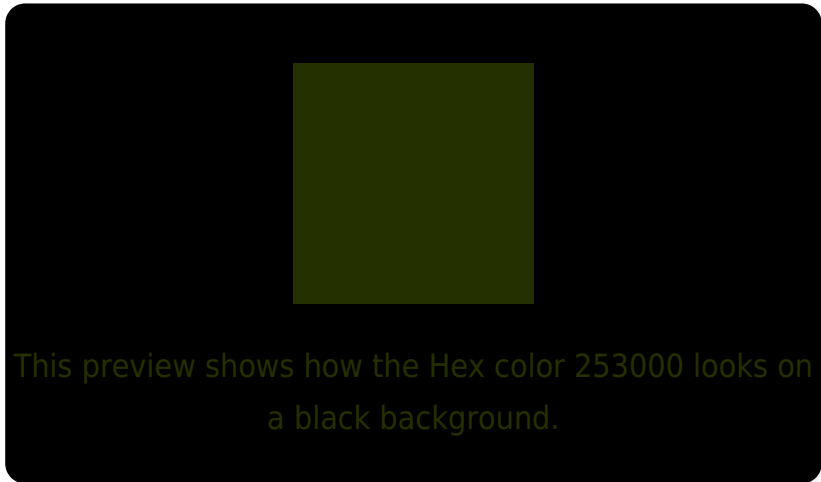
Large Text (above 18pt) WCAG AA ✓ Pass

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

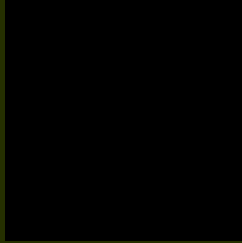
Any Text WCAG AA × Fail

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 253000 Background



This preview shows how black text looks on a background with the Hex color 253000.



This preview shows how white text looks on a background with the Hex color 253000.

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
253000

Protanopia
322C00

Deuteranopia
382A09



Tritanopia
292D30

Trichromacy



Original Color
253000

Protanomaly
2D2D00

Deuteranomaly
312C06

Tritanomaly
282E1F

Monochromacy



Original Color
253000

Achromatopsia
272727

Achromatomaly
262A19

CSS Examples

Text

The CSS property to change the color of the text to Hex 253000 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 #253000 looks like.

```
.text, #text, p{  
    color:#253000  
}
```

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 #253000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #253000
}
```

Border

The CSS property to change the border of an element to Hex 253000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

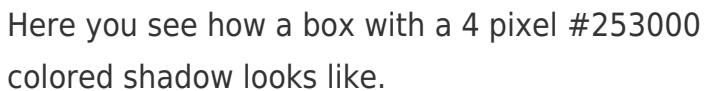
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#253000 }
```

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

```
.border{ border-color:#253000 }
```

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



Here you see how a box with a 4 pixel #253000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #253000; -webkit-box-shadow:4px 4px  
4px 4px #253000; box-shadow:4px 4px 4px  
4px #253000 }
```

Background

The CSS property to change the background color of an element to Hex 253000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#253000 }
```

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

```
.background{ background-color:#253000 }
```

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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