

Converting Colors

Hex(253002)

Have a look what the booklet for
Hex(253002) contains.

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Color

Hex(253002)

Conversions

Conversions Part 1

Format	Color
Hex	253002
RGB	37, 48, 2
RGB Percent	15%, 19%, 1%
CMY	0.8549, 0.8118, 0.9922
CMYK	0.23, 0.00, 0.96, 0.81
HSL	74°, 92%, 10%
HSV	74°, 96%, 19%
XYZ	1.8309, 2.5116, 0.4457
YIQ	39.4670, 8.2100, -16.6380

Conversions

Conversions Part 2

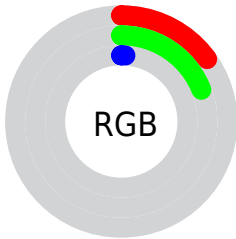
Format	Color
R_{YB}	2, 48, 13
Decimal	2437122
CIE _{Lab}	17.97, -12.39, 24.61
CIE _{LCh}	18, 27.554, 116.733
Yxy	2.5116, 0.3824, 0.5245
Android (android.graphics.Color)	4280627202 (0xFF253002)
YUV	39.4670, -18.4712, -2.1636
Hunter-Lab	15.8480, -7.1127, 9.4261

Details

The Hex color **253002** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0D0230**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **535E30**, 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 **263007**.

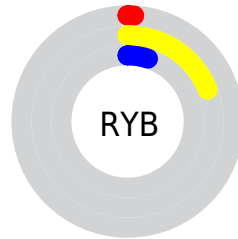
Distribution



Red (15%)

Green (19%)

Blue (1%)



Red (1%)

Yellow (19%)

Blue (5%)

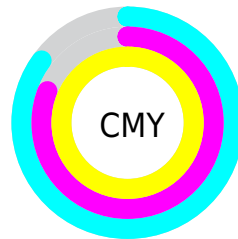


Cyan (23%)

Magenta (0%)

Yellow (96%)

Black (81%)



Cyan (85%)

Magenta (81%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 253002 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 253002 by changing the saturation by 10% instead.

 253002

 253002

 FFFFE5

 0C1C00

 535E30

 000000

 6C7748

 869060

 A0AB79

 BBC693

 D7E2AD

 F4FFC9

 253002

 253002

■ 253000

■ 263007

■ 27300C

■ 283010

■ 2A3015

■ 2B301A

■ 2C301F

■ 2D3024

■ 2E3028

■ 2F302D

Harmonies

Analogous

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



382A00



253002



073415

Triad

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



253002



00334D



4E192F

Complementary

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



253002



0D0230

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.



421F42



253002



002F54

Square

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



253002



00353D



282850



4F1B1B

Rectangle

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



253002



003522



282850



4B1A36

Sweetspot

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



253002



393D2B



300D02



1C1F14



9E9E9E



1F1F1F

Same Dimension

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



253002



2F3D00



0E3002



161715



425700



A3D600

Inverse Universe

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



0D0230



0F003D



240230



151517



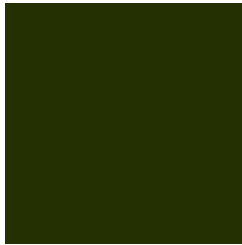
150057



3300D6

Previews

White Background



This preview shows how the Hex color 253002 looks on a white background.

Color Contrast Check

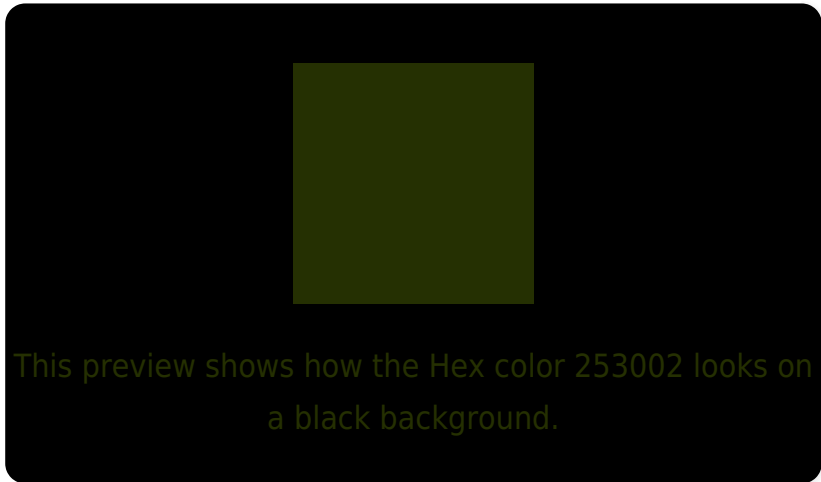
Large Text (above 18pt) WCAG AA ✓ Pass

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

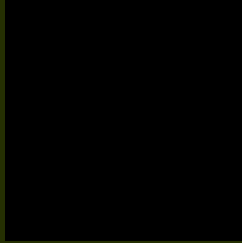
Any Text WCAG AA × Fail

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 253002 Background



This preview shows how black text looks on a background with the Hex color 253002.



This preview shows how white text looks on a background with the Hex color 253002.

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
253002

Protanopia
322C00

Deuteranopia
382A09



Tritanopia
292D30

Trichromacy



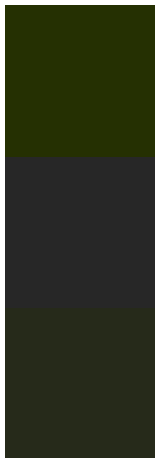
Original Color
253002

Protanomaly
2D2D01

Deuteranomaly
312C06

Tritanomaly
282E1F

Monochromacy



Original Color
253002

Achromatopsia
272727

Achromatomaly
262A1A

CSS Examples

Text

The CSS property to change the color of the text to Hex 253002 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 #253002 looks like.

```
.text, #text, p{  
    color:#253002  
}
```

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 #253002 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #253002
}
```

Border

The CSS property to change the border of an element to Hex 253002 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".

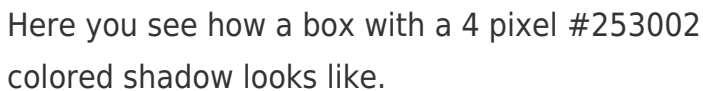
```
.border, #border, table{ border:4px solid
#253002 }
```

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

```
.border{ border-color:#253002 }
```

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

Here you see how a box with a 4 pixel #253002 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 #253002; -webkit-box-shadow:4px 4px  
4px 4px #253002; box-shadow:4px 4px 4px  
4px #253002 }
```

Background

The CSS property to change the background color of an element to Hex 253002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#253002 }
```

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

```
.background{ background-color:#253002 }
```

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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