

Converting Colors

Hex(253206)

Have a look what the booklet for
Hex(253206) contains.

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Color

Hex(253206)

Conversions

Conversions Part 1

Format	Color
Hex	253206
RGB	37, 50, 6
RGB Percent	15%, 20%, 2%
CMY	0.8549, 0.8039, 0.9765
CMYK	0.26, 0.00, 0.88, 0.80
HSL	78°, 79%, 11%
HSV	78°, 88%, 20%
XYZ	1.9364, 2.6877, 0.5890
YIQ	41.0970, 6.3760, -16.4400

Conversions

Conversions Part 2

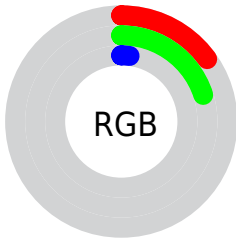
Format	Color
RYB	6, 50, 19
Decimal	2437638
CIELab	18.75, -13.21, 23.90
CIELCh	19, 27.306, 118.935
Yxy	2.6877, 0.3715, 0.5156
Android (android.graphics.Color)	4280627718 (0xFF253206)
YUV	41.0970, -17.3028, -3.5931
Hunter-Lab	16.3941, -7.6058, 9.3457

Details

The Hex color **253206** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **130632**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **536033**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **243201**, and if you desaturate by 10%, it is **26320B**.

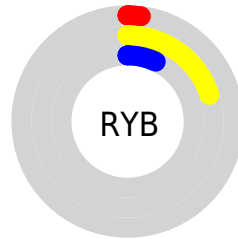
Distribution



Red (15%)

Green (20%)

Blue (2%)



Red (2%)

Yellow (20%)

Blue (7%)

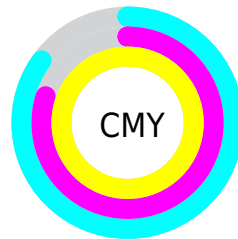


Cyan (26%)

Magenta (0%)

Yellow (88%)

Black (80%)



Cyan (85%)

Magenta (80%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 253206 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 253206 by changing the saturation by 10% instead.

 253206

 253206

 FFFFE9

 0E1D00

 536033

 000000

 6C794B

 869363

 A0AD7C

 BBC996

 D7E5B1

 F4FFCC

 253206

 253206

■ 243201

■ 26320B

■ 233200

■ 283210

■ 293215

■ 2B321A

■ 2C321F

■ 2E3224

■ 2F3229

■ 31322E

■ 323233

Harmonies

Analogous

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



392C00



253206



063518

Triad

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



253206



00354F



501B2F

Complementary

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



253206



130632

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.



452042



253206



003055

Square

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



253206



003740



2C2950



501D1C

Rectangle

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



253206



003725



2C2950



4E1C36

Sweetspot

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



253206



3B402F



321206



1E2117



A1A1A1



212121

Same Dimension

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



253206



2D4000



103206



191A17



3F5900



99D900

Inverse Universe

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



130632



130040



280632



18171A



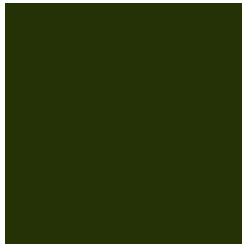
1A0059



4000D9

Previews

White Background



This preview shows how the Hex color 253206 looks on a white background.

Color Contrast Check

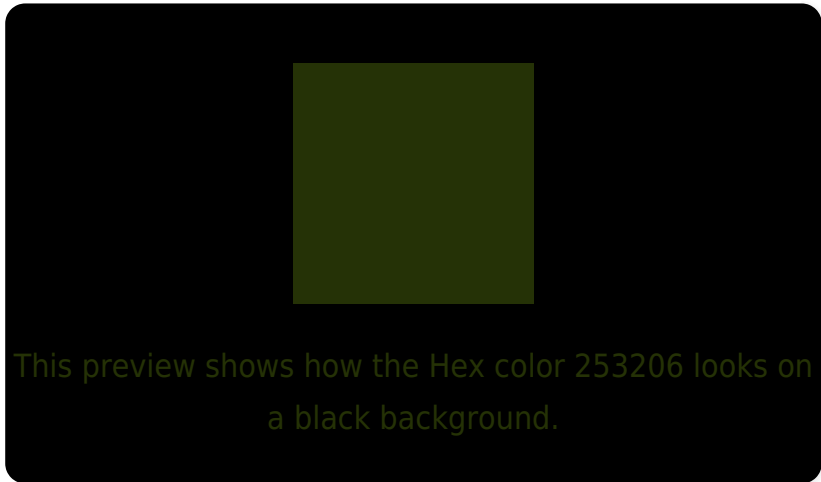
Large Text (above 18pt) WCAG AA ✓ Pass

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

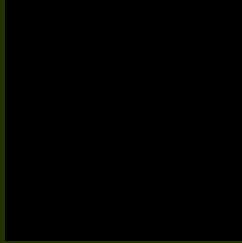
Any Text WCAG AA × Fail

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 253206 Background



This preview shows how black text looks on a background with the Hex color 253206.



This preview shows how white text looks on a background with the Hex color 253206.

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

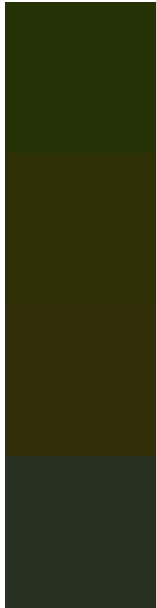


Original Color
253206

Protanopia
342E04

Deuteranopia
3A2B0B

Trichromacy



Original Color
253206

Protanomaly
2F2F05

Deuteranomaly
322E09

Tritanomaly
283022

Monochromacy



Original Color
253206

Achromatopsia
292929

Achromatomaly
282C1C

CSS Examples

Text

The CSS property to change the color of the text to Hex 253206 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 #253206 looks like.

```
.text, #text, p{  
    color:#253206  
}
```

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 #253206 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #253206
}
```

Border

The CSS property to change the border of an element to Hex 253206 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".

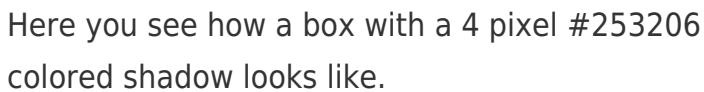
```
.border, #border, table{ border:4px solid
#253206 }
```

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

```
.border{ border-color:#253206 }
```

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

Here you see how a box with a 4 pixel #253206 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 #253206; -webkit-box-shadow:4px 4px  
4px 4px #253206; box-shadow:4px 4px 4px  
4px #253206 }
```

Background

The CSS property to change the background color of an element to Hex 253206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#253206 }
```

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

```
.background{ background-color:#253206 }
```

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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