

Converting Colors

Hex(253B1D)

Have a look what the booklet for
Hex(253B1D) contains.

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Color

Hex(253B1D)

Conversions

Conversions Part 1

Format	Color
Hex	253B1D
RGB	37, 59, 29
RGB Percent	15%, 23%, 11%
CMY	0.8549, 0.7686, 0.8863
CMYK	0.37, 0.00, 0.51, 0.77
HSL	104°, 34%, 17%
HSV	104°, 51%, 23%
XYZ	2.5487, 3.6100, 1.7249
YIQ	49.0020, -3.4820, -13.9940

Conversions

Conversions Part 2

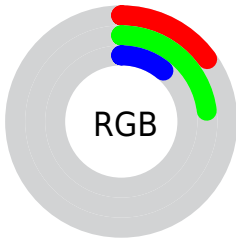
Format	Color
RYB	29, 59, 51
Decimal	2439965
CIELab	22.34, -15.59, 15.87
CIElCh	22, 22.247, 134.494
Yxy	3.6100, 0.3233, 0.4579
Android (android.graphics.Color)	4280630045 (0xFF253B1D)
YUV	49.0020, -9.8610, -10.5258
Hunter-Lab	18.9999, -9.3054, 7.9174

Details

The Hex color **253B1D** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **331D3B**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **536A49**, and **000F00** is the 20% darker color. If you saturate the color by 10%, you get **213B17**, and if you desaturate by 10%, it is **293B23**.

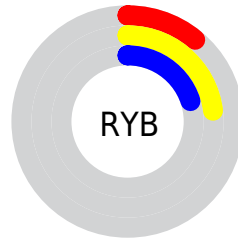
Distribution



Red (15%)

Green (23%)

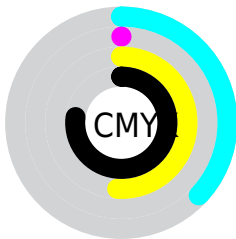
Blue (11%)



Red (11%)

Yellow (23%)

Blue (20%)

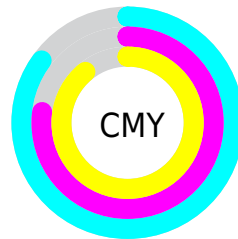


Cyan (37%)

Magenta (0%)

Yellow (51%)

Black (77%)



Cyan (85%)

Magenta (77%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 253B1D 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 253B1D by changing the saturation by 10% instead.



253B1D



253B1D

FFFFFF



112505



536A49



000F00



6C8461



000000



859E7A



9FB994



BBD5AF



D6F1CA



F3FFE6



253B1D



253B1D

■ 213B17

■ 293B23

■ 1C3B11

■ 2E3B29

■ 183B0B

■ 323B2F

■ 143B05

■ 363B35

■ 103B00

■ 3B3B3B

■ 3F3B40

■ 433B46

■ 483B4C

■ 4C3B52

Harmonies

Analogous

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



373714



253B1D



0A3D2C

Triad

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



253B1D



003A55



55282E

Complementary

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



253B1D



331D3B

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.



50293F



253B1D



283455

Square

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



253B1D



003D4C



412E4D



512C1F

Rectangle

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



253B1D



003E37



412E4D



542734

Sweetspot

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



253B1D



444D41



3B331D



21261F



A6A6A6



262626

Same Dimension

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



253B1D



2A4D1E



1D3B24



1C1F1C



195E00



3BDE00

Inverse Universe

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



331D3B



401E4D



3B1D34



1E1C1F



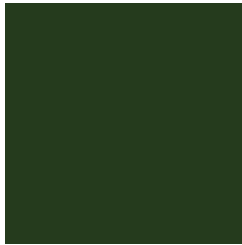
45005E



A300DE

Previews

White Background



This preview shows how the Hex color 253B1D looks on a white background.

Color Contrast Check

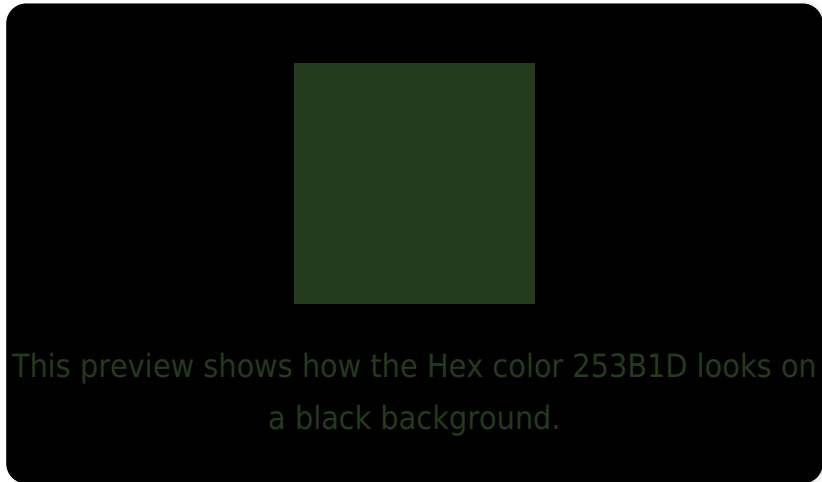
Large Text (above 18pt) WCAG AA ✓ Pass

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

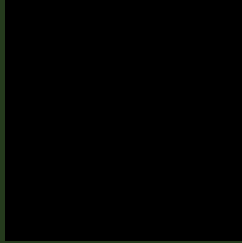
Any Text WCAG AA × Fail

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 253B1D Background



This preview shows how black text looks on a background with the Hex color 253B1D.



This preview shows how white text looks on a background with the Hex color 253B1D.

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](#).

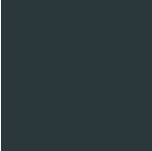
Dichromacy



Original Color
253B1D

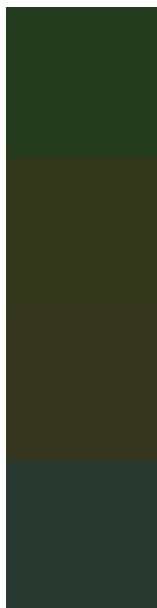
Protanopia
3B351B

Deuteranopia
41331F



Tritanopia
2A383C

Trichromacy



Original Color
253B1D

Protanomaly
33371C

Deuteranomaly
37361E

Tritanomaly
283931

Monochromacy



Original Color
253B1D

Achromatopsia
313131

Achromatomaly
2D352A

CSS Examples

Text

The CSS property to change the color of the text to Hex 253B1D 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 #253B1D looks like.

```
.text, #text, p{  
    color:#253B1D  
}
```

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 #253B1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #253B1D
}
```

Border

The CSS property to change the border of an element to Hex 253B1D 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".

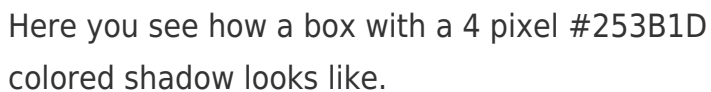
```
.border, #border, table{ border:4px solid
#253B1D }
```

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

```
.border{ border-color:#253B1D }
```

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

Here you see how a box with a 4 pixel #253B1D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #253B1D; -webkit-box-shadow:4px 4px  
4px 4px #253B1D; box-shadow:4px 4px 4px  
4px #253B1D }
```

Background

The CSS property to change the background color of an element to Hex 253B1D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#253B1D }
```

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

```
.background{ background-color:#253B1D }
```

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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