

Converting Colors

Hex(253A13)

Have a look what the booklet for
Hex(253A13) contains.

Hex(253A13)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(253A13)

Conversions

Conversions Part 1

Format	Color
Hex	253A13
RGB	37, 58, 19
RGB Percent	15%, 23%, 7%
CMY	0.8549, 0.7725, 0.9255
CMYK	0.36, 0.00, 0.67, 0.77
HSL	92°, 51%, 15%
HSV	92°, 67%, 23%
XYZ	2.3935, 3.4664, 1.1590
YIQ	47.2750, 0.0030, -16.5810

Conversions

Conversions Part 2

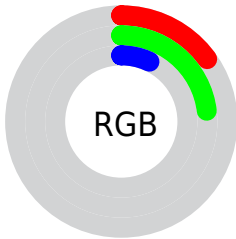
Format	Color
RYB	19, 58, 40
Decimal	2439699
CIELab	21.82, -16.47, 21.22
CIELCh	22, 26.860, 127.827
Yxy	3.4664, 0.3410, 0.4939
Android (android.graphics.Color)	4280629779 (0xFF253A13)
YUV	47.2750, -13.9396, -9.0112
Hunter-Lab	18.6184, -9.6345, 9.3420

Details

The Hex color **253A13** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **28133A**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **53693F**, and **000C00** is the 20% darker color. If you saturate the color by 10%, you get **223A0D**, and if you desaturate by 10%, it is **283A19**.

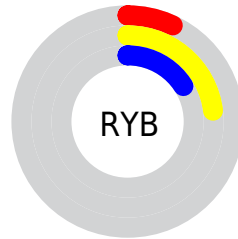
Distribution



Red (15%)

Green (23%)

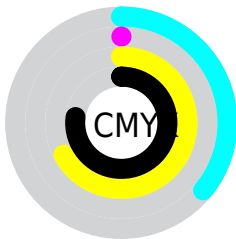
Blue (7%)



Red (7%)

Yellow (23%)

Blue (16%)

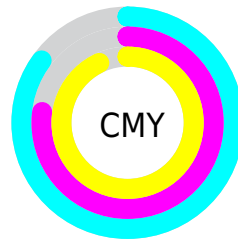


Cyan (36%)

Magenta (0%)

Yellow (67%)

Black (77%)



Cyan (85%)

Magenta (77%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 253A13 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 253A13 by changing the saturation by 10% instead.

 253A13

 253A13

 FFFFF7

 122400

 53693F

 000C00

 6C8357

 000000

 869D6F

 A0B889

 BBD3A3

 D7F0BE

 F4FFDA

 253A13

 253A13

■ 223A0D

■ 283A19

■ 1F3A07

■ 2B3A1F

■ 1C3A02

■ 2E3A24

■ 1B3A00

■ 313A2A

■ 353A30

■ 383A36

■ 3B3A3C

■ 3E3A41

■ 413A47

Harmonies

Analogous

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



3A3509



253A13



013D25

Triad

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



253A13



003A59



592230

Complementary

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



253A13



28133A

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.



502544



253A13



17355C

Square

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



253A13



003D4C



3C2D54



56261D

Rectangle

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



253A13



003E32



3C2D54



572237

Sweetspot

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



253A13



444D3D



3A2813



21261D



A6A6A6



262626

Same Dimension

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



253A13



2B4D0F



133A14



1B1C19



2A5C00



65DB00

Inverse Universe

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



28133A



300F4D



3A1339



1B191C



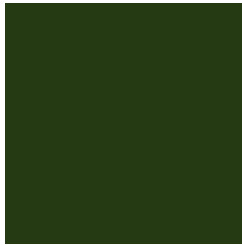
31005C



7600DB

Previews

White Background



This preview shows how the Hex color 253A13 looks on a white background.

Color Contrast Check

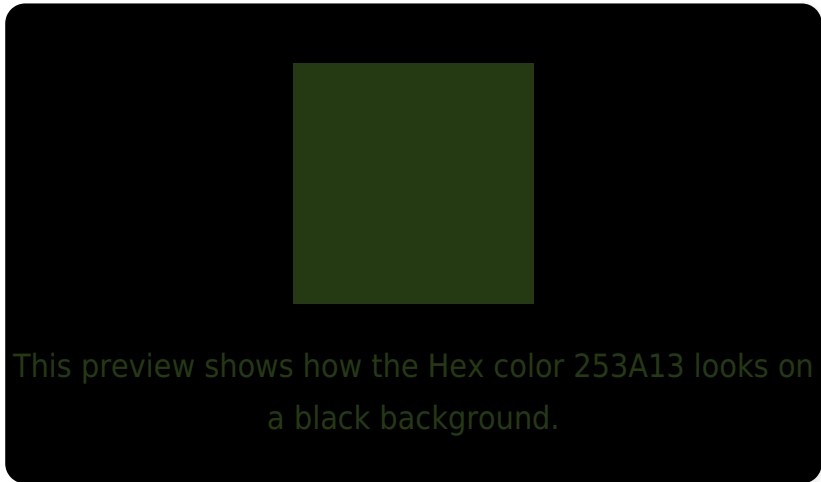
Large Text (above 18pt) WCAG AA ✓ Pass

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

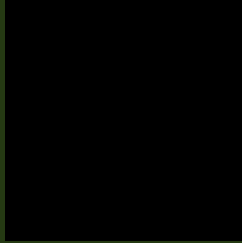
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

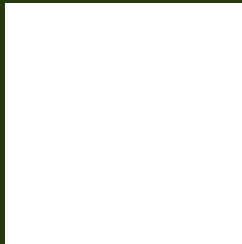
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 253A13 Background



This preview shows how black text looks on a background with the Hex color 253A13.



This preview shows how white text looks on a background with the Hex color 253A13.

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
253A13

Protanopia
3A3411

Deuteranopia
413216



Tritanopia
2B363B

Trichromacy



Original Color
253A13

Protanomaly
323612

Deuteranomaly
373515

Tritanomaly
29372C

Monochromacy



Original Color
253A13

Achromatopsia
2F2F2F

Achromatomaly
2B3325

CSS Examples

Text

The CSS property to change the color of the text to Hex 253A13 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 #253A13 looks like.

```
.text, #text, p{  
    color:#253A13  
}
```

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 #253A13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #253A13
}
```

Border

The CSS property to change the border of an element to Hex 253A13 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".

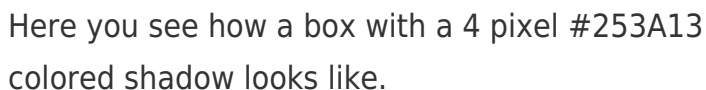
```
.border, #border, table{ border:4px solid
#253A13 }
```

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

```
.border{ border-color:#253A13 }
```

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

Here you see how a box with a 4 pixel #253A13 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #253A13; -webkit-box-shadow:4px 4px  
4px 4px #253A13; box-shadow:4px 4px 4px  
4px #253A13 }
```

Background

The CSS property to change the background color of an element to Hex 253A13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#253A13 }
```

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

```
.background{ background-color:#253A13 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor