

Converting Colors

Hex(203A13)

Have a look what the booklet for
Hex(203A13) contains.

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Color

Hex(203A13)

Conversions

Conversions Part 1

Format	Color
Hex	203A13
RGB	32, 58, 19
RGB Percent	13%, 23%, 7%
CMY	0.8745, 0.7725, 0.9255
CMYK	0.45, 0.00, 0.67, 0.77
HSL	100°, 51%, 15%
HSV	100°, 67%, 23%
XYZ	2.2263, 3.3802, 1.1512
YIQ	45.7800, -2.9770, -17.6410

Conversions

Conversions Part 2

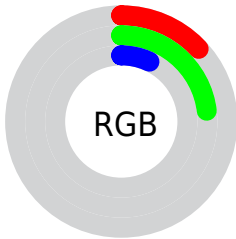
Format	Color
R_YB	19, 58, 45
Decimal	2112019
CIE _{Lab}	21.51, -18.61, 20.77
CIE _{LCh}	22, 27.885, 131.855
Yxy	3.3802, 0.3294, 0.5002
Android (android.graphics.Color)	4280302099 (0xFF203A13)
YUV	45.7800, -13.2025, -12.0851
Hunter-Lab	18.3853, -10.5599, 9.1573

Details

The Hex color **203A13** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **2D133A**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **4E693F**, and **000A00** is the 20% darker color. If you saturate the color by 10%, you get **1C3A0D**, and if you desaturate by 10%, it is **243A19**.

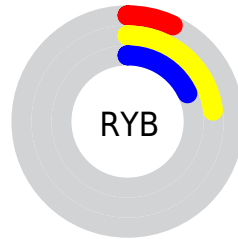
Distribution



Red (13%)

Green (23%)

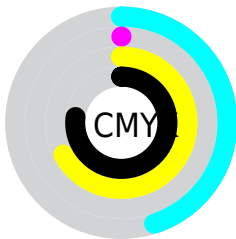
Blue (7%)



Red (7%)

Yellow (23%)

Blue (18%)

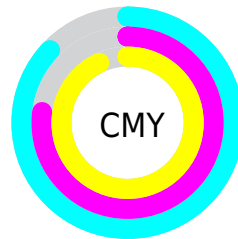


Cyan (45%)

Magenta (0%)

Yellow (67%)

Black (77%)



Cyan (87%)

Magenta (77%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 203A13 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 203A13 by changing the saturation by 10% instead.

 203A13

 203A13

 FFFFF7

 0D2400

 4E693F

 000A00

 678356

 000000

 809D6F

 9BB889

 B6D3A3

 D2F0BE

 EEFFDA

 203A13

 203A13

■ 1C3A0D

■ 243A19

■ 183A07

■ 283A1F

■ 143A02

■ 2C3A24

■ 133A00

■ 2F3A2A

■ 333A30

■ 373A36

■ 3B3A3C

■ 3F3A41

■ 433A47

Harmonies

Analogous

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



373506



203A13



003D26

Triad

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



203A13



00395B



59212C

Complementary

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



203A13



2D133A

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.



522341



203A13



1B335C

Square

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



203A13



003D4F



3F2B52



552619

Rectangle

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



203A13



003D34



3F2B52



582033

Sweetspot

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



203A13



424D3D



3A2D13



20261D



A6A6A6



262626

Same Dimension

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



203A13



234D0F



133A19



1A1C19



1F5C00



49DB00

Inverse Universe

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



2D133A



380F4D



3A1333



1B191C



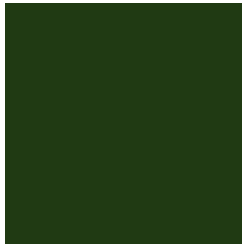
3D005C



9200DB

Previews

White Background



This preview shows how the Hex color 203A13 looks on a white background.

Color Contrast Check

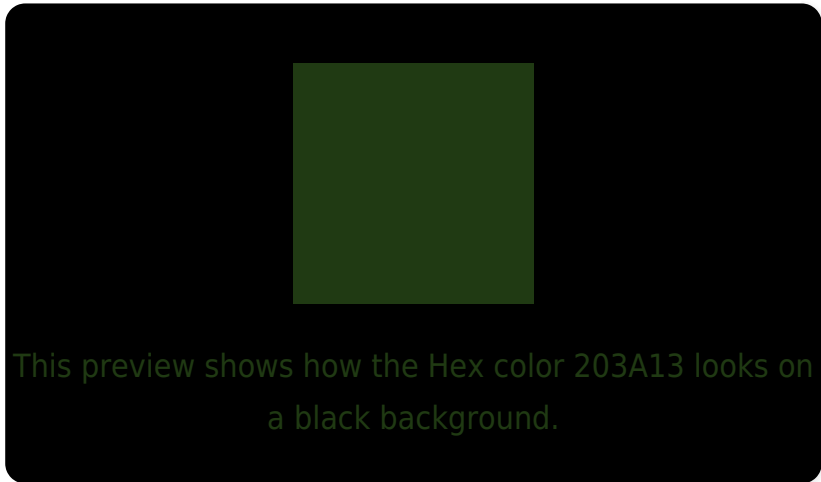
Large Text (above 18pt) WCAG AA ✓ Pass

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

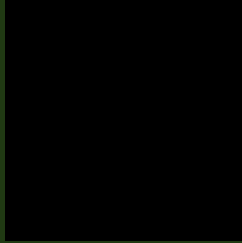
Any Text WCAG AA × Fail

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 203A13 Background



This preview shows how black text looks on a background with the Hex color 203A13.



This preview shows how white text looks on a background with the Hex color 203A13.

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](#).

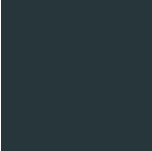
Dichromacy



Original Color
203A13

Protanopia
3A3411

Deuteranopia
403116



Tritanopia
27363B

Trichromacy



Original Color
203A13

Protanomaly
313612

Deuteranomaly
343415

Tritanomaly
24372C

Monochromacy



Original Color
203A13

Achromatopsia
2E2E2E

Achromatomaly
293224

CSS Examples

Text

The CSS property to change the color of the text to Hex 203A13 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 #203A13 looks like.

```
.text, #text, p{  
    color:#203A13  
}
```

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 #203A13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #203A13
}
```

Border

The CSS property to change the border of an element to Hex 203A13 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".

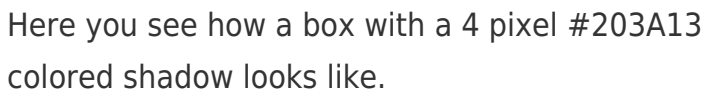
```
.border, #border, table{ border:4px solid
#203A13 }
```

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

```
.border{ border-color:#203A13 }
```

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

Here you see how a box with a 4 pixel #203A13 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #203A13; -webkit-box-shadow:4px 4px  
4px 4px #203A13; box-shadow:4px 4px 4px  
4px #203A13 }
```

Background

The CSS property to change the background color of an element to Hex 203A13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#203A13 }
```

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

```
.background{ background-color:#203A13 }
```

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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