

Converting Colors

Hex(23000A)

Have a look what the booklet for
Hex(23000A) contains.

Hex(23000A)	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(23000A)

Conversions

Conversions Part 1

Format	Color
Hex	23000A
RGB	35, 0, 10
RGB Percent	14%, 0%, 4%
CMY	0.8627, 1.0000, 0.9608
CMYK	0.00, 1.00, 0.71, 0.86
HSL	343°, 100%, 7%
HSV	343°, 100%, 14%
XYZ	0.7479, 0.3792, 0.3209
YIQ	11.6050, 17.6500, 10.5300

Conversions

Conversions Part 2

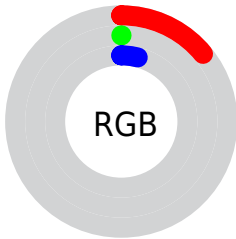
Format	Color
R_{YB}	35, 0, 10
Decimal	2293770
CIE Lab	3.43, 15.87, 1.32
CIE LCh	3, 15.927, 4.739
Yxy	0.3792, 0.5165, 0.2619
Android (android.graphics.Color)	4280483850 (0xFF23000A)
YUV	11.6050, -0.7913, 20.5174
Hunter-Lab	6.1582, 10.9020, 1.2208

Details

The Hex color **23000A** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **002319**, and the grayscale version is **0C0C0C**.

A 20% lighter version of the original color is **4F2F36**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **23000A**, and if you desaturate by 10%, it is **23030D**.

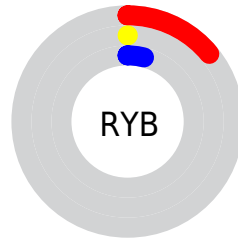
Distribution



Red (14%)

Green (0%)

Blue (4%)



Red (14%)

Yellow (0%)

Blue (4%)

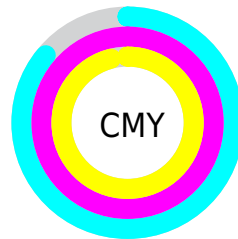


Cyan (0%)

Magenta (100%)

Yellow (71%)

Black (86%)



Cyan (86%)

Magenta (100%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23000A 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 23000A by changing the saturation by 10% instead.

 23000A


 23000A

 FFE2EA


 000000

 4F2F36

 67454D

 815D65

 9B767E

 B69098

 D2AAB2

 EFC6CE

 23000A

■ 23030D

■ 23070F

■ 230B12

■ 230E14

■ 231217

■ 231519

■ 23191C

■ 231C1E

■ 232021

Harmonies

Analogous

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



1E0218



23000A



220200

Triad

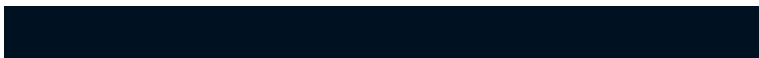
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



23000A



001100



001221

Complementary

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



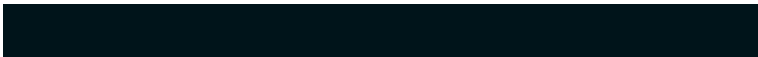
23000A



002319

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.



00141A



23000A



001400

Square

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



23000A



0F0D00



00150E



000D23

Rectangle

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



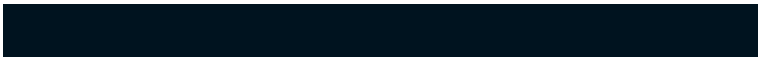
23000A



1E0500



00150E



00131F

Sweetspot

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



23000A



2E2024



190023



170F11



969696



171717

Same Dimension

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



23000A



2E000D



230700



121011



520017



D1003C

Inverse Universe

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



23000A



2E000D



001C23



121011



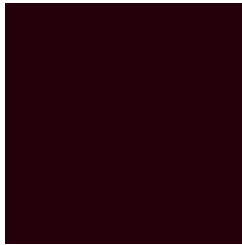
520017



D1003C

Previews

White Background



This preview shows how the Hex color 23000A looks on a white background.

Color Contrast Check

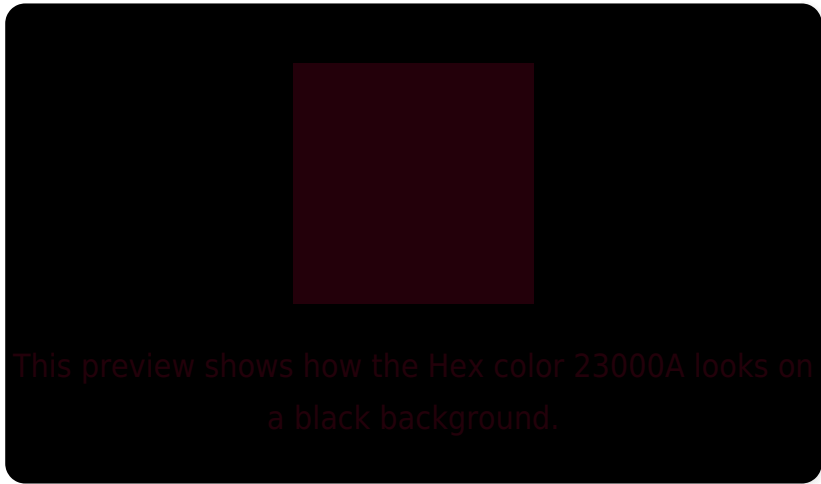
Large Text (above 18pt) WCAG AA ✓ Pass

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

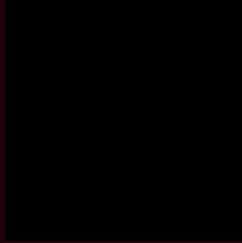
Any Text WCAG AA × Fail

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 23000A Background



This preview shows how black text looks on a background with the Hex color 23000A.

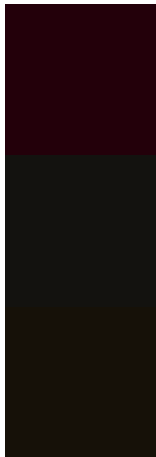


This preview shows how white text looks on a background with the Hex color 23000A.

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
23000A

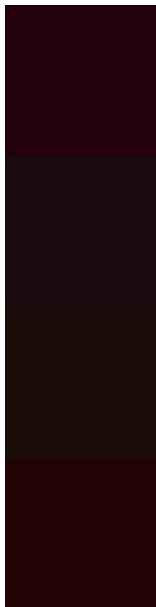
Protanopia
13120F

Deuteranopia
161108



Tritanopia
230403

Trichromacy



Original Color

23000A

Protanomaly

190B0D

Deuteranomaly

1B0B09

Tritanomaly

230306

Monochromacy



Original Color

23000A

Achromatopsia

0C0C0C

Achromatomaly

14080B

CSS Examples

Text

The CSS property to change the color of the text to Hex 23000A 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 #23000A looks like.

```
.text, #text, p{  
    color:#23000A  
}
```

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 #23000A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23000A
}
```

Border

The CSS property to change the border of an element to Hex 23000A is called "border". The border property can be set on classes, ids or directly on the HTML element.

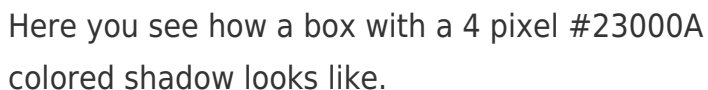
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#23000A }
```

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

```
.border{ border-color:#23000A }
```

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



Here you see how a box with a 4 pixel #23000A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23000A; -webkit-box-shadow:4px 4px  
4px 4px #23000A; box-shadow:4px 4px 4px  
4px #23000A }
```

Background

The CSS property to change the background color of an element to Hex 23000A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23000A }
```

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

```
.background{ background-color:#23000A }
```

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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