

Converting Colors

Hex(230303)

Have a look what the booklet for
Hex(230303) contains.

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Color

Hex(230303)

Conversions

Conversions Part 1

Format	Color
Hex	230303
RGB	35, 3, 3
RGB Percent	14%, 1%, 1%
CMY	0.8627, 0.9882, 0.9882
CMYK	0.00, 0.91, 0.91, 0.86
HSL	0°, 84%, 7%
HSV	0°, 91%, 14%
XYZ	0.7421, 0.4290, 0.1298
YIQ	12.5680, 19.0720, 6.7840

Conversions

Conversions Part 2

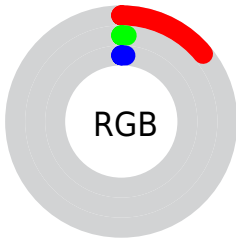
Format	Color
R_{YB}	35, 3, 3
Decimal	2294531
CIE Lab	3.88, 13.70, 4.82
CIE LCh	4, 14.522, 19.404
Yxy	0.4290, 0.5704, 0.3298
Android (android.graphics.Color)	4280484611 (0xFF230303)
YUV	12.5680, -4.7170, 19.6729
Hunter-Lab	6.5500, 8.7621, 3.4097

Details

The Hex color **230303** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **032323**, and the grayscale version is **0D0D0D**.

A 20% lighter version of the original color is **4F3132**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **230000**, and if you desaturate by 10%, it is **230707**.

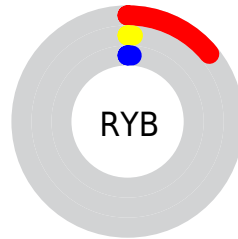
Distribution



Red (14%)

Green (1%)

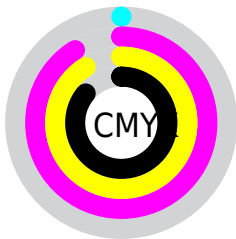
Blue (1%)



Red (14%)

Yellow (1%)

Blue (1%)

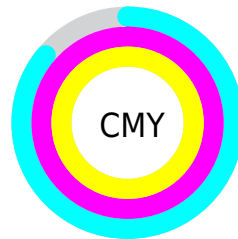


Cyan (0%)

Magenta (91%)

Yellow (91%)

Black (86%)



Cyan (86%)

Magenta (99%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 230303 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 230303 by changing the saturation by 10% instead.

 230303


 230303

 FFE4E5

 000000

 4F3132

 674849

 815F60

 9B7879

 B69293

 D2ADAD

 EFC8C9

 230303

 230303

■ 230000

■ 230707

■ 230A0A

■ 230E0E

■ 231111

■ 231515

■ 231818

■ 231C1C

■ 231F1F

■ 232323

Harmonies

Analogous

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



200313



230303



200600

Triad

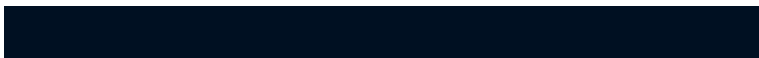
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230303



001300



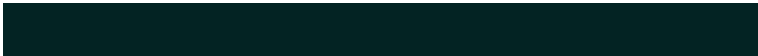
001022

Complementary

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



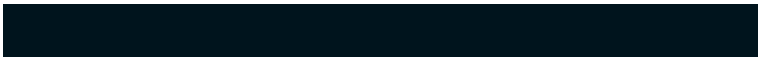
230303



032323

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.



00141D



230303



001507

Square

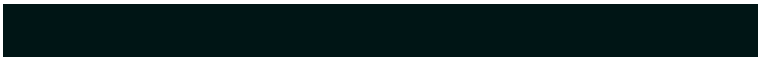
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



230303



091000



001515



0A0C21

Rectangle

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



230303



1B0A00



001515



001221

Sweetspot

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



230303



2E2222



230323



171010



969696



171717

Same Dimension

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



230303



2E0000



231303



121010



520000



D10000

Inverse Universe

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



032323



002E2E



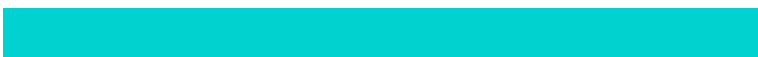
031323



101212



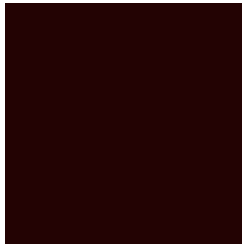
005252



00D1D1

Previews

White Background



This preview shows how the Hex color 230303 looks on a white background.

Color Contrast Check

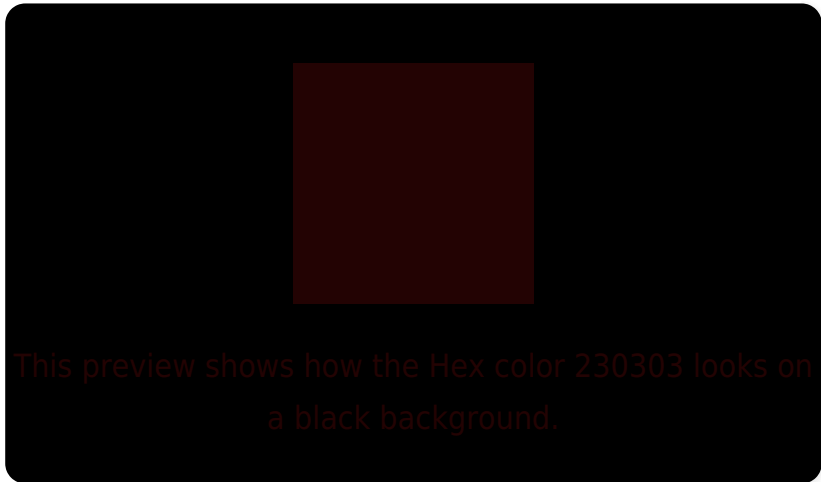
Large Text (above 18pt) WCAG AA ✓ Pass

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

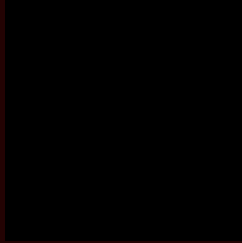
Any Text WCAG AA × Fail

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 230303 Background



This preview shows how black text looks on a background with the Hex color 230303.



This preview shows how white text looks on a background with the Hex color 230303.

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
230303

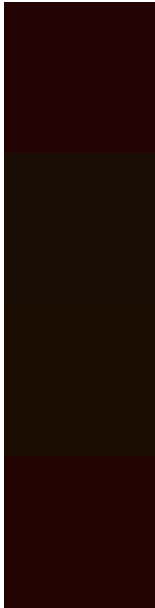
Protanopia
141206

Deuteranopia
161100



Tritanopia
230301

Trichromacy



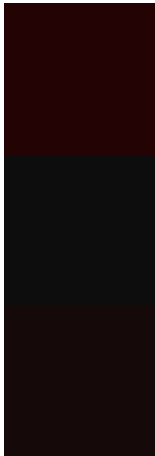
Original Color
230303

Protanomaly
190D05

Deuteranomaly
1B0C01

Tritanomaly
230302

Monochromacy



Original Color
230303

Achromatopsia
0D0D0D

Achromatomaly
150909

CSS Examples

Text

The CSS property to change the color of the text to Hex 230303 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 #230303 looks like.

```
.text, #text, p{  
    color:#230303  
}
```

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 #230303 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #230303
}
```

Border

The CSS property to change the border of an element to Hex 230303 is called "border". The border property can be set on classes, ids or directly on the HTML element.

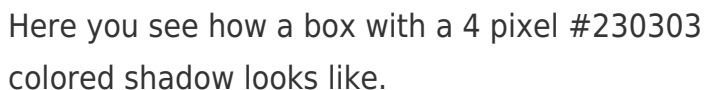
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#230303 }
```

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

```
.border{ border-color:#230303 }
```

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



Here you see how a box with a 4 pixel #230303 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #230303; -webkit-box-shadow:4px 4px  
4px 4px #230303; box-shadow:4px 4px 4px  
4px #230303 }
```

Background

The CSS property to change the background color of an element to Hex 230303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#230303 }
```

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

```
.background{ background-color:#230303 }
```

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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