

Converting Colors

Hex(230901)

Have a look what the booklet for
Hex(230901) contains.

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Color

Hex(230901)

Conversions

Conversions Part 1

Format	Color
Hex	230901
RGB	35, 9, 1
RGB Percent	14%, 4%, 0%
CMY	0.8627, 0.9647, 0.9961
CMYK	0.00, 0.74, 0.97, 0.86
HSL	14°, 94%, 7%
HSV	14°, 97%, 14%
XYZ	0.7963, 0.5549, 0.0939
YIQ	15.8620, 18.0640, 3.0240

Conversions

Conversions Part 2

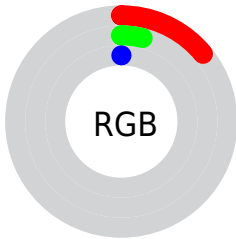
Format	Color
RYB	35, 11, 1
Decimal	2296065
CIELab	5.01, 11.02, 7.30
CIElCh	5, 13.214, 33.532
Yxy	0.5549, 0.5511, 0.3840
Android (android.graphics.Color)	4280486145 (0xFF230901)
YUV	15.8620, -7.3270, 16.7840
Hunter-Lab	7.4491, 6.0456, 4.4674

Details

The Hex color **230901** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **011B23**, and the grayscale version is **101010**.

A 20% lighter version of the original color is **4F3531**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **230800**, and if you desaturate by 10%, it is **230C04**.

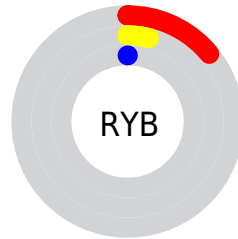
Distribution



Red (14%)

Green (4%)

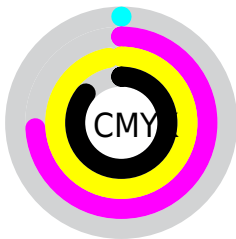
Blue (0%)



Red (14%)

Yellow (4%)

Blue (0%)

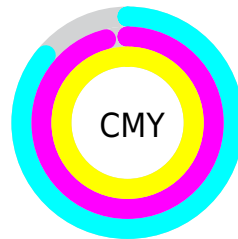


Cyan (0%)

Magenta (74%)

Yellow (97%)

Black (86%)



Cyan (86%)

Magenta (96%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 230901 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 230901 by changing the saturation by 10% instead.

 230901

 230901

 FFE9E3


 000000

 4F3531

 674C47

 81645F

 9B7D78

 B69791

 D2B1AC

 EFCDC7

 230901

 230901

■ 230800

■ 230C04

■ 230E08

■ 23110C

■ 23140F

■ 231612

■ 231916

■ 231C19

■ 231E1D

■ 232121

Harmonies

Analogous

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



220810



230901



1E0D00

Triad

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



230901



001603



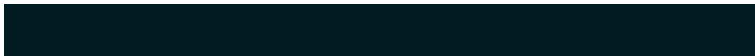
031123

Complementary

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



230901



011B23

Split Complementary

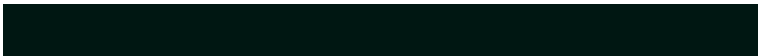
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



001521



230901



001712

Square

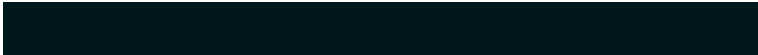
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



230901



091400



00171B



140D20

Rectangle

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



230901



190F00



00171B



001323

Sweetspot

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



230901



2E2421



23011B



17110F



969696



171717

Same Dimension

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



230901



2E0B00



231A01



121010



521300



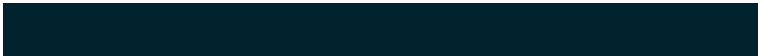
D13100

Inverse Universe

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



011B23



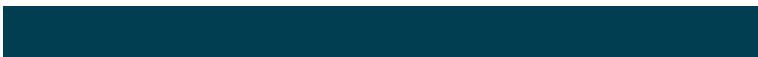
00232E



010A23



101112



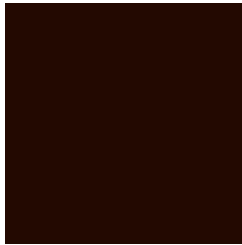
003E52



00A0D1

Previews

White Background



This preview shows how the Hex color 230901 looks on a white background.

Color Contrast Check

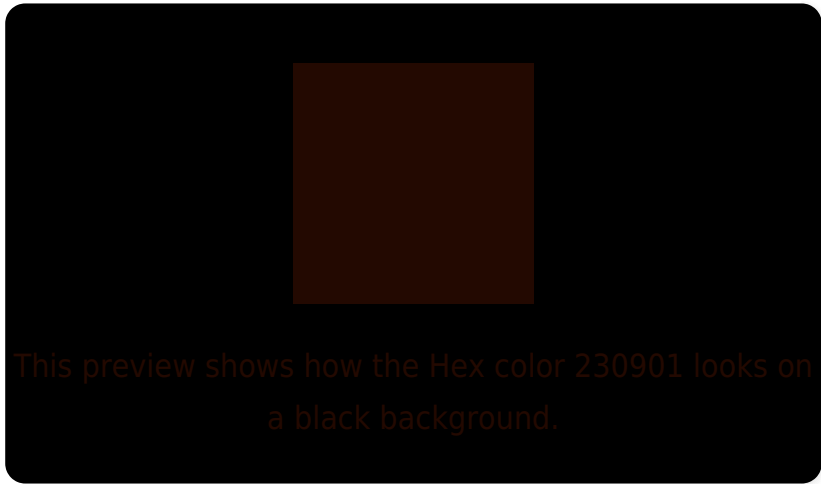
Large Text (above 18pt) WCAG AA ✓ Pass

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

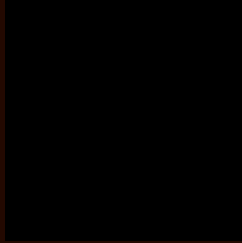
Any Text WCAG AA × Fail

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 230901 Background



This preview shows how black text looks on a background with the Hex color 230901.



This preview shows how white text looks on a background with the Hex color 230901.

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](#).

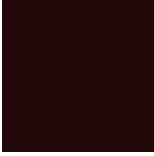
Dichromacy



Original Color
230901

Protanopia
151304

Deuteranopia
181200



Tritanopia
230809

Trichromacy



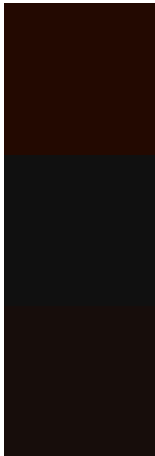
Original Color
230901

Protanomaly
1A0F03

Deuteranomaly
1C0F00

Tritanomaly
230806

Monochromacy



Original Color
230901

Achromatopsia
101010

Achromatomaly
170D0B

CSS Examples

Text

The CSS property to change the color of the text to Hex 230901 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 #230901 looks like.

```
.text, #text, p{  
    color:#230901  
}
```

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 #230901 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #230901
}
```

Border

The CSS property to change the border of an element to Hex 230901 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
#230901 }
```

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

```
.border{ border-color:#230901 }
```

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

Here you see how a box with a 4 pixel #230901 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #230901; -webkit-box-shadow:4px 4px  
4px 4px #230901; box-shadow:4px 4px 4px  
4px #230901 }
```

Background

The CSS property to change the background color of an element to Hex 230901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#230901 }
```

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

```
.background{ background-color:#230901 }
```

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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