

Converting Colors

Hex(220923)

Have a look what the booklet for
Hex(220923) contains.

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Color

Hex(220923)

Conversions

Conversions Part 1

Format	Color
Hex	220923
RGB	34, 9, 35
RGB Percent	13%, 4%, 14%
CMY	0.8667, 0.9647, 0.8627
CMYK	0.03, 0.74, 0.00, 0.86
HSL	298°, 59%, 9%
HSV	298°, 74%, 14%
XYZ	1.0607, 0.6568, 1.6610
YIQ	19.4390, 6.5540, 13.3860

Conversions

Conversions Part 2

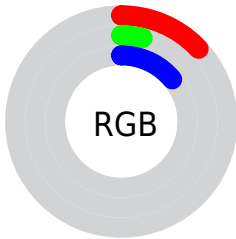
Format	Color
RYB	34, 9, 35
Decimal	2230563
CIELab	5.93, 17.20, -11.79
CIElCh	6, 20.849, 325.576
Yxy	0.6568, 0.3140, 0.1944
Android (android.graphics.Color)	4280420643 (0xFF220923)
YUV	19.4390, 7.6716, 12.7700
Hunter-Lab	8.1043, 9.1806, -6.4784

Details

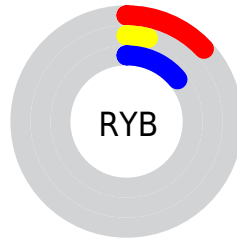
The Hex color **220923** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **0A2309**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **4F344F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **220523**, and if you desaturate by 10%, it is **220D23**.

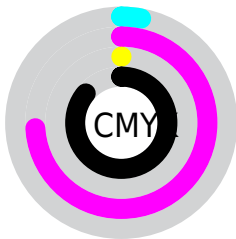
Distribution



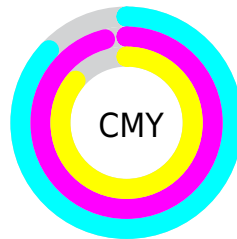
- Red (13%)
- Green (4%)
- Blue (14%)



- Red (13%)
- Yellow (4%)
- Blue (14%)



- Cyan (3%)
- Magenta (74%)
- Yellow (0%)
- Black (86%)



- Cyan (87%)
- Magenta (96%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 220923 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 220923 by changing the saturation by 10% instead.

■ 220923

■ 220923

■ FFE9FF

■ 00000C

■ 4F344F

■ 000000

■ 674B68

■ 816381

■ 9B7C9B

■ B696B6

■ D2B1D1

■ EECEDE

■ 220923

■ 220923

■ 220523

■ 220D23

■ 220223

■ 221023

■ 220023

■ 221423

■ 231723

■ 231B23

■ 231E23

■ 232223

■ 232523

■ 232923

Harmonies

Analogous

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



0F102C



220923



2A0416

Triad

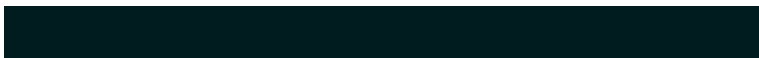
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



220923



1C1200



001C1F

Complementary

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



220923



0A2309

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.



001C10



220923



0A1700

Square

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



220923



260B00



001A00



00192A

Rectangle

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



220923



2C0409



001A00



001C1A

Sweetspot

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



220923



2E242E



090A23



171117



969696



171717

Same Dimension

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



220923



2C052E



230917



121012



4E0052



C900D1

Inverse Universe

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



23090A



2E0507



092315



121010



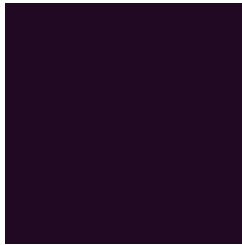
520003



D10008

Previews

White Background



This preview shows how the Hex color 220923 looks on a white background.

Color Contrast Check

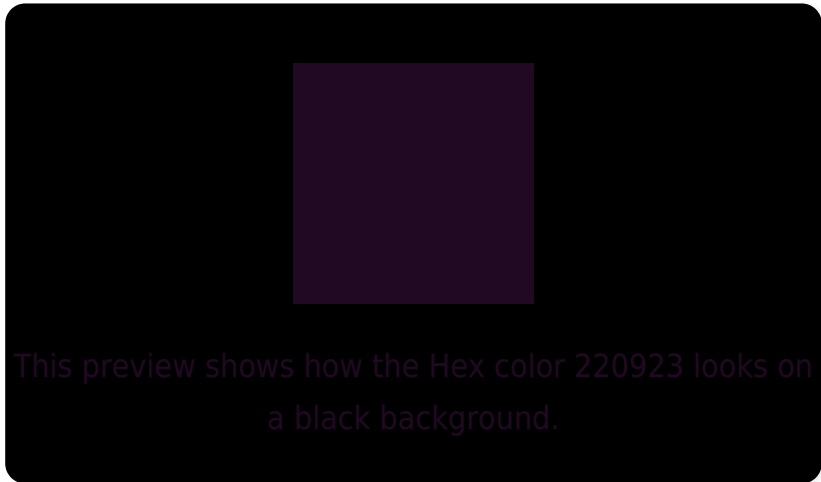
Large Text (above 18pt) WCAG AA ✓ Pass

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

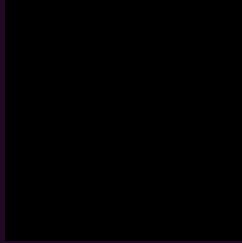
Any Text WCAG AA × Fail

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 220923 Background



This preview shows how black text looks on a background with the Hex color 220923.



This preview shows how white text looks on a background with the Hex color 220923.

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
220923

Protanopia
00142A

Deuteranopia
0E1521

Trichromacy



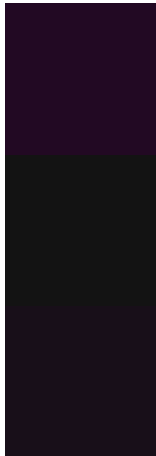
Original Color
220923

Protanomaly
0C1027

Deuteranomaly
151122

Tritanomaly
210D18

Monochromacy



Original Color
220923

Achromatopsia
131313

Achromatomaly
180F19

CSS Examples

Text

The CSS property to change the color of the text to Hex 220923 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 #220923 looks like.

```
.text, #text, p{  
    color:#220923  
}
```

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 #220923 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #220923
}
```

Border

The CSS property to change the border of an element to Hex 220923 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".

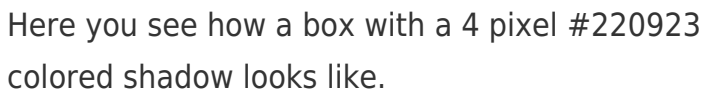
```
.border, #border, table{ border:4px solid
#220923 }
```

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

```
.border{ border-color:#220923 }
```

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

Here you see how a box with a 4 pixel #220923 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #220923; -webkit-box-shadow:4px 4px  
4px 4px #220923; box-shadow:4px 4px 4px  
4px #220923 }
```

Background

The CSS property to change the background color of an element to Hex 220923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#220923 }
```

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

```
.background{ background-color:#220923 }
```

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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