

Converting Colors

Hex(220316)

Have a look what the booklet for
Hex(220316) contains.

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Color

Hex(220316)

Conversions

Conversions Part 1

Format	Color
Hex	220316
RGB	34, 3, 22
RGB Percent	13%, 1%, 9%
CMY	0.8667, 0.9882, 0.9137
CMYK	0.00, 0.91, 0.35, 0.87
HSL	323°, 84%, 7%
HSV	323°, 91%, 13%
XYZ	0.8371, 0.4631, 0.8043
YIQ	14.4350, 12.3770, 12.4810

Conversions

Conversions Part 2

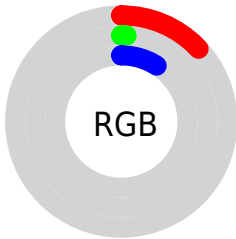
Format	Color
RYB	34, 3, 22
Decimal	2229014
CIELab	4.18, 16.26, -4.29
CIELCh	4, 16.814, 345.212
Yxy	0.4631, 0.3977, 0.2201
Android (android.graphics.Color)	4280419094 (0xFF220316)
YUV	14.4350, 3.7295, 17.1585
Hunter-Lab	6.8054, 10.0462, -2.2437

Details

The Hex color **220316** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **03220F**, and the grayscale version is **0E0E0E**.

A 20% lighter version of the original color is **4E3040**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **220015**, and if you desaturate by 10%, it is **220617**.

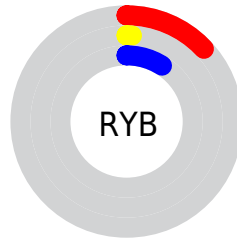
Distribution



Red (13%)

Green (1%)

Blue (9%)



Red (13%)

Yellow (1%)

Blue (9%)

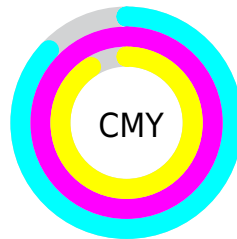


Cyan (0%)

Magenta (91%)

Yellow (35%)

Black (87%)



Cyan (87%)

Magenta (99%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 220316 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 220316 by changing the saturation by 10% instead.

 220316

 220316

 FFE4F7

 000000

 4E3040

 674758

 805F70

 9A7889

 B592A4

 D1ACBF

 EDC8DA

 220316

 220316

■ 220015

■ 220617

■ 220A19

■ 220D1A

■ 22111B

■ 22141D

■ 22171E

■ 221B1F

■ 221E21

■ 222222

Harmonies

Analogous

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



19071F



220316



260205

Triad

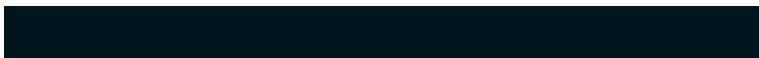
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



220316



0C1100



00161F

Complementary

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



220316



03220F

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.



001715



220316



001500

Square

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



220316



1A0B00



001704



001225

Rectangle

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



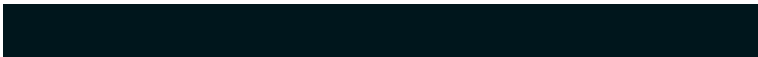
220316



240400



001704



00161C

Sweetspot

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



220316



2B2027



0F0322



171014



969696



171717

Same Dimension

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



220316



2B001B



220307



121011



520032



D10080

Inverse Universe

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



220316



2B001B



03221E



121011



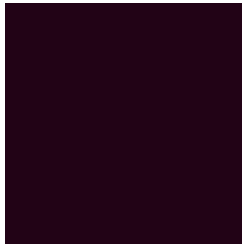
520032



D10080

Previews

White Background



This preview shows how the Hex color 220316 looks on a white background.

Color Contrast Check

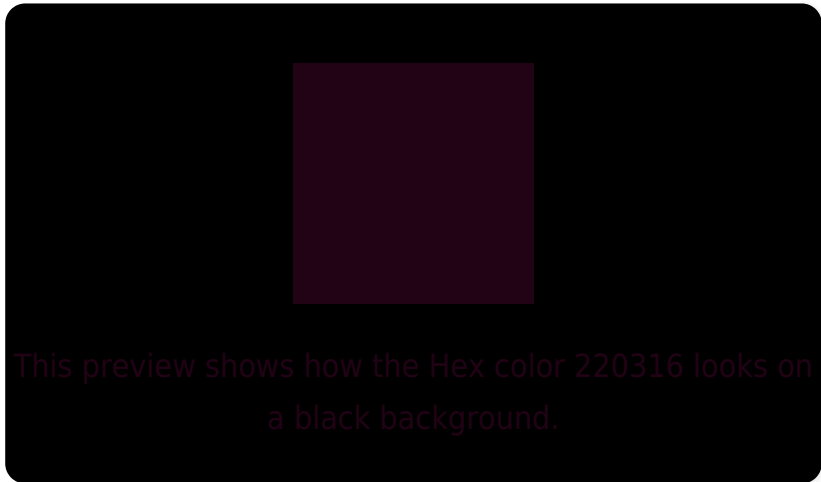
Large Text (above 18pt) WCAG AA ✓ Pass

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

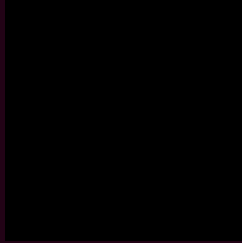
Any Text WCAG AA × Fail

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 220316 Background



This preview shows how black text looks on a background with the Hex color 220316.



This preview shows how white text looks on a background with the Hex color 220316.

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
220316

Protanopia
0C121F

Deuteranopia
131215



Tritanopia
210909

Trichromacy



Original Color
220316

Protanomaly
140D1C

Deuteranomaly
180D15

Tritanomaly
21070E

Monochromacy



Original Color
220316

Achromatopsia
0E0E0E

Achromatomaly
150A11

CSS Examples

Text

The CSS property to change the color of the text to Hex 220316 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 #220316 looks like.

```
.text, #text, p{  
    color:#220316  
}
```

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 #220316 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #220316
}
```

Border

The CSS property to change the border of an element to Hex 220316 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".

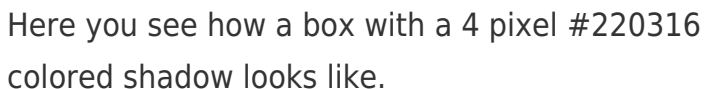
```
.border, #border, table{ border:4px solid
#220316 }
```

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

```
.border{ border-color:#220316 }
```

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

Here you see how a box with a 4 pixel #220316 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border and a thicker dark blue shadow on the right and bottom sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #220316; -webkit-box-shadow:4px 4px  
4px 4px #220316; box-shadow:4px 4px 4px  
4px #220316 }
```

Background

The CSS property to change the background color of an element to Hex 220316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#220316 }
```

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

```
.background{ background-color:#220316 }
```

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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