

Converting Colors

Hex(220003)

Have a look what the booklet for
Hex(220003) contains.

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Color

Hex(220003)

Conversions

Conversions Part 1

Format	Color
Hex	220003
RGB	34, 0, 3
RGB Percent	13%, 0%, 1%
CMY	0.8667, 1.0000, 0.9882
CMYK	0.00, 1.00, 0.91, 0.87
HSL	355°, 100%, 7%
HSV	355°, 100%, 13%
XYZ	0.6761, 0.3467, 0.1174
YIQ	10.5080, 19.3010, 8.1410

Conversions

Conversions Part 2

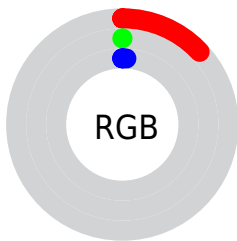
Format	Color
R _Y B	34, 0, 3
Decimal	2228227
CIE Lab	3.13, 14.20, 3.72
CIE LCh	3, 14.679, 14.678
Yxy	0.3467, 0.5930, 0.3040
Android (android.graphics.Color)	4280418307 (0xFF220003)
YUV	10.5080, -3.7014, 20.6025
Hunter-Lab	5.8877, 10.1946, 2.9390

Details

The Hex color **220003** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **00221F**, and the grayscale version is **0B0B0B**.

A 20% lighter version of the original color is **4D2F32**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **220003**, and if you desaturate by 10%, it is **220306**.

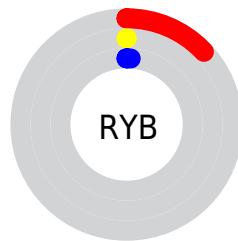
Distribution



Red (13%)

Green (0%)

Blue (1%)



Red (13%)

Yellow (0%)

Blue (1%)

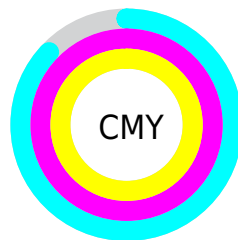


Cyan (0%)

Magenta (100%)

Yellow (91%)

Black (87%)



Cyan (87%)

Magenta (100%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 220003 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 220003 by changing the saturation by 10% instead.

 220003

 220003

 FFE2E5

 000000

 4D2F32

 654649

 7F5D60

 997679

 B49093

 D0AAAD

 EDC6C9

 220003

■ 220306

■ 220709

■ 220A0C

■ 220E0F

■ 221113

■ 221416

■ 221819

■ 221B1C

■ 221F1F

Harmonies

Analogous

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



1E0113



220003



1F0300

Triad

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



220003



001100



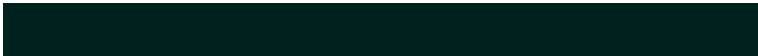
000F20

Complementary

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



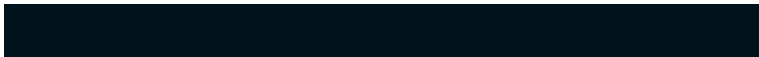
220003



00221F

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.



00121B



220003



001301

Square

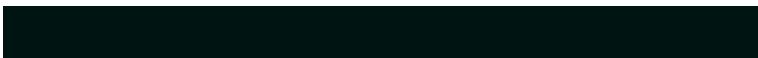
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



220003



080D00



001412



040A20

Rectangle

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



220003



1A0600



001412



00101F

Sweetspot

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



220003



2B1E1F



1F0022



170F0F



969696



171717

Same Dimension

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



220003



2B0004



220E00



121010



520007



D10012

Inverse Universe

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



220003



2B0004



001422



121010



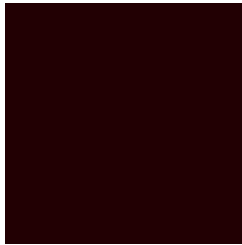
520007



D10012

Previews

White Background



This preview shows how the Hex color 220003 looks on a white background.

Color Contrast Check

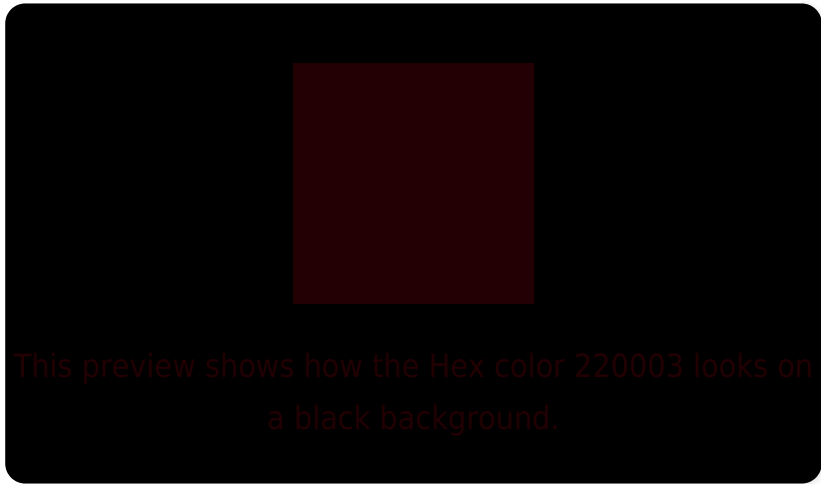
Large Text (above 18pt) WCAG AA ✓ Pass

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

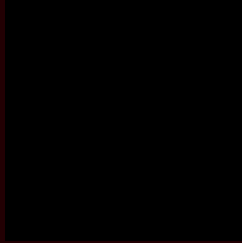
Any Text WCAG AA × Fail

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 220003 Background



This preview shows how black text looks on a background with the Hex color 220003.



This preview shows how white text looks on a background with the Hex color 220003.

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

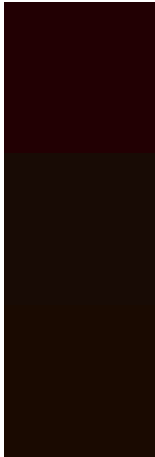


Original Color
220003

Protanopia
131106

Deuteranopia
161000

Trichromacy

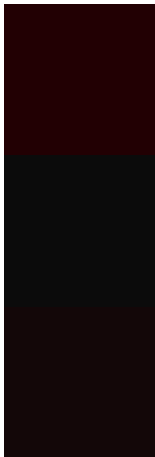


Original Color
220003

Protanomaly
180B05

Deuteranomaly
1A0A01

Monochromacy



Original Color
220003

Achromatopsia
0B0B0B

Achromatomaly
130708

CSS Examples

Text

The CSS property to change the color of the text to Hex 220003 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 #220003 looks like.

```
.text, #text, p{  
    color:#220003  
}
```

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 #220003 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #220003
}
```

Border

The CSS property to change the border of an element to Hex 220003 is called "border". The border property can be set on classes, ids or directly on the HTML element.

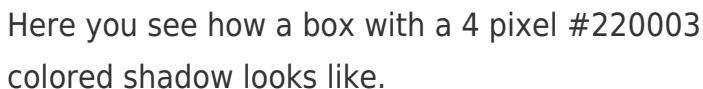
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#220003 }
```

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

```
.border{ border-color:#220003 }
```

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



Here you see how a box with a 4 pixel #220003 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #220003; -webkit-box-shadow:4px 4px  
4px 4px #220003; box-shadow:4px 4px 4px  
4px #220003 }
```

Background

The CSS property to change the background color of an element to Hex 220003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#220003 }
```

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

```
.background{ background-color:#220003 }
```

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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