

Converting Colors

Hex(220005)

Have a look what the booklet for
Hex(220005) contains.

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Color

Hex(220005)

Conversions

Conversions Part 1

Format	Color
Hex	220005
RGB	34, 0, 5
RGB Percent	13%, 0%, 2%
CMY	0.8667, 1.0000, 0.9804
CMYK	0.00, 1.00, 0.85, 0.87
HSL	351°, 100%, 7%
HSV	351°, 100%, 13%
XYZ	0.6871, 0.3510, 0.1751
YIQ	10.7360, 18.6590, 8.7630

Conversions

Conversions Part 2

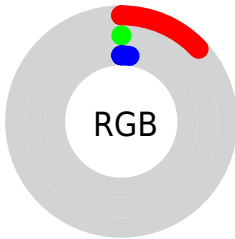
Format	Color
R _Y B	34, 0, 5
Decimal	2228229
CIE Lab	3.17, 14.48, 2.96
CIE LCh	3, 14.778, 11.563
Yxy	0.3510, 0.5663, 0.2893
Android (android.graphics.Color)	4280418309 (0xFF220005)
YUV	10.7360, -2.8278, 20.4025
Hunter-Lab	5.9249, 10.3314, 2.3949

Details

The Hex color **220005** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **00221D**, and the grayscale version is **0B0B0B**.

A 20% lighter version of the original color is **4D2F33**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **220005**, and if you desaturate by 10%, it is **220308**.

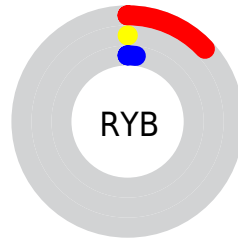
Distribution



Red (13%)

Green (0%)

Blue (2%)



Red (13%)

Yellow (0%)

Blue (2%)

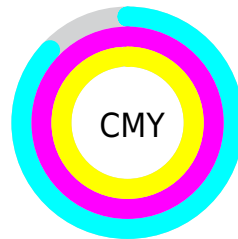


Cyan (0%)

Magenta (100%)

Yellow (85%)

Black (87%)



Cyan (87%)

Magenta (100%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 220005 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 220005 by changing the saturation by 10% instead.

 220005

 220005

 FFE2E6

 000000

 4D2F33

 66464A

 7F5D62

 99767A

 B49094

 D0AAAF

 EDC6CA

 220005

■ 220308

■ 22070B

■ 220A0E

■ 220E11

■ 221114

■ 221416

■ 221819

■ 221B1C

■ 221F1F

Harmonies

Analogous

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



1E0114



220005



200200

Triad

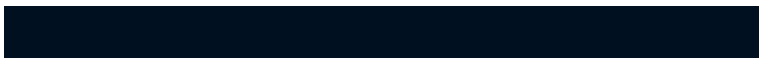
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



220005



001100



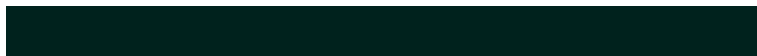
001020

Complementary

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



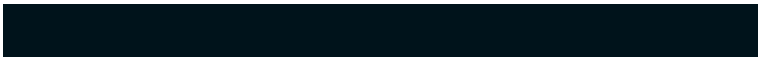
220005



00221D

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.



00131B



220005



001300

Square

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



220005



0A0D00



001411



020B21

Rectangle

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



220005



1B0600



001411



00111F

Sweetspot

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



220005



2B1E20



1D0022



170F10



969696



171717

Same Dimension

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



220005



2B0006



220C00



121010



52000C



D1001F

Inverse Universe

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



220005



2B0006



001622



121010



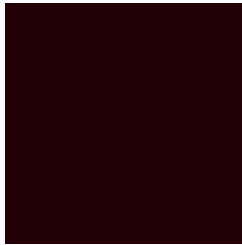
52000C



D1001F

Previews

White Background



This preview shows how the Hex color 220005 looks on a white background.

Color Contrast Check

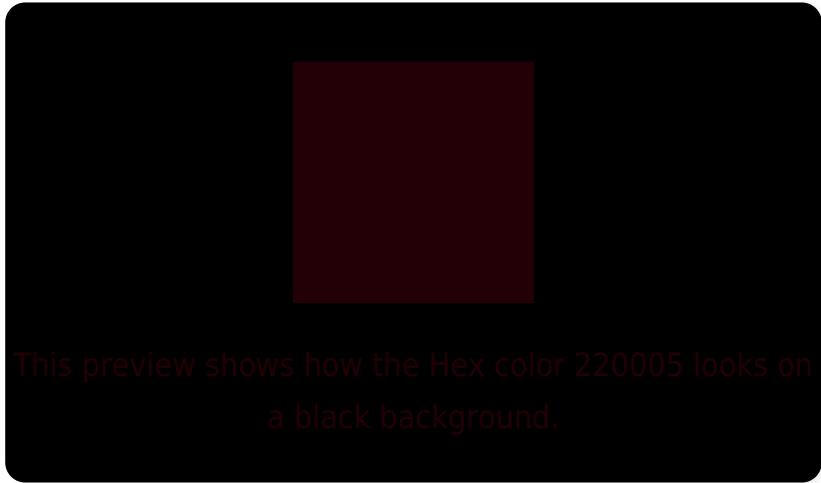
Large Text (above 18pt) WCAG AA ✓ Pass

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

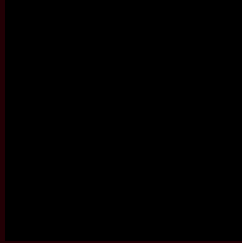
Any Text WCAG AA × Fail

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 220005 Background



This preview shows how black text looks on a background with the Hex color 220005.

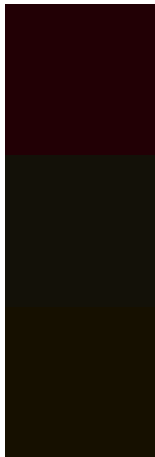


This preview shows how white text looks on a background with the Hex color 220005.

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](#).

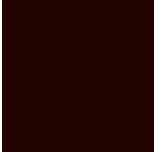
Dichromacy



Original Color
220005

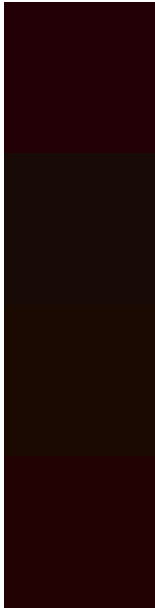
Protanopia
131108

Deuteranopia
161000



Tritanopia
220300

Trichromacy



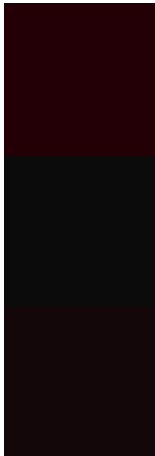
Original Color
220005

Protanomaly
180B07

Deuteranomaly
1A0A02

Tritanomaly
220202

Monochromacy



Original Color
220005

Achromatopsia
0B0B0B

Achromatomaly
130709

CSS Examples

Text

The CSS property to change the color of the text to Hex 220005 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 #220005 looks like.

```
.text, #text, p{  
  color:#220005  
}
```

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 #220005 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #220005
}
```

Border

The CSS property to change the border of an element to Hex 220005 is called "border". The border property can be set on classes, ids or directly on the HTML element.

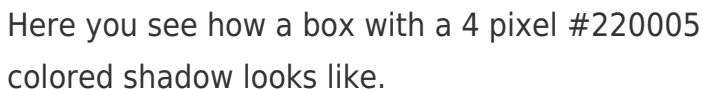
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#220005 }
```

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

```
.border{ border-color:#220005 }
```

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



Here you see how a box with a 4 pixel #220005 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #220005; -webkit-box-shadow:4px 4px  
4px 4px #220005; box-shadow:4px 4px 4px  
4px #220005 }
```

Background

The CSS property to change the background color of an element to Hex 220005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#220005 }
```

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

```
.background{ background-color:#220005 }
```

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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