

Converting Colors

Hex(220047)

Have a look what the booklet for
Hex(220047) contains.

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Color

Hex(220047)

Conversions

Conversions Part 1

Format	Color
Hex	220047
RGB	34, 0, 71
RGB Percent	13%, 0%, 28%
CMY	0.8667, 1.0000, 0.7216
CMYK	0.52, 1.00, 0.00, 0.72
HSL	269°, 100%, 14%
HSV	269°, 100%, 28%
XYZ	1.7970, 0.7950, 6.0200
YIQ	18.2600, -2.5270, 29.2890

Conversions

Conversions Part 2

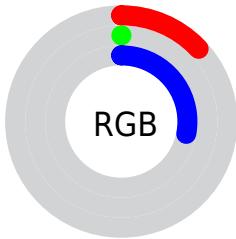
Format	Color
R_YB	34, 0, 71
Decimal	2228295
CIE Lab	7.18, 33.28, -36.22
CIE LCh	7, 49.192, 312.576
Yxy	0.7950, 0.2087, 0.0923
Android (android.graphics.Color)	4280418375 (0xFF220047)
YUV	18.2600, 26.0008, 13.8040
Hunter-Lab	8.9164, 20.3716, -33.7889

Details

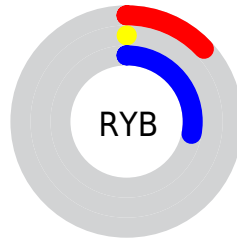
The Hex color **220047** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **254700**, and the grayscale version is **121212**.

A 20% lighter version of the original color is **542D78**, and **00011A** is the 20% darker color. If you saturate the color by 10%, you get **220047**, and if you desaturate by 10%, it is **260747**.

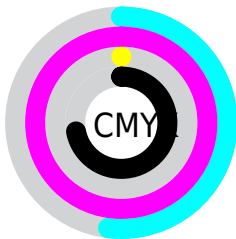
Distribution



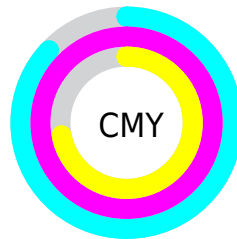
- Red (13%)
- Green (0%)
- Blue (28%)



- Red (13%)
- Yellow (0%)
- Blue (28%)



- Cyan (52%)
- Magenta (100%)
- Yellow (0%)
- Black (72%)



- Cyan (87%)
- Magenta (100%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 220047 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 220047 by changing the saturation by 10% instead.

 220047

 220047

 FFE3FF

 090030

 542D78

 00011A

 6E4592

 000000

 885DAD

 A376C9

 BF91E5

 DCABFF

 F9C7FF

 220047

■ 260747

■ 290E47

■ 2D1547

■ 311C47

■ 352447

■ 382B47

■ 3C3247

■ 403947

■ 434047

Harmonies

Analogous

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



001758



220047



42002A

Triad

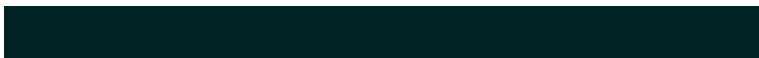
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



220047



2C0C00



002223

Complementary

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



220047



254700

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.



002100



220047



0C1A00

Square

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



220047



3F0000



002100



002342

Rectangle

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



220047



490015



002100



002118

Sweetspot

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



220047



4D405C



002647



251D2E



ADADAD



2E2E2E

Same Dimension

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



220047



2C005C



450047



222024



300063



6D00E3

Inverse Universe

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



470025



5C0030



024700



242022



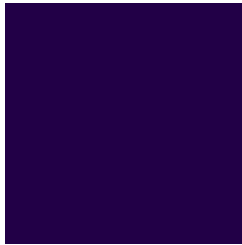
630034



E30076

Previews

White Background



This preview shows how the Hex color 220047 looks on a white background.

Color Contrast Check

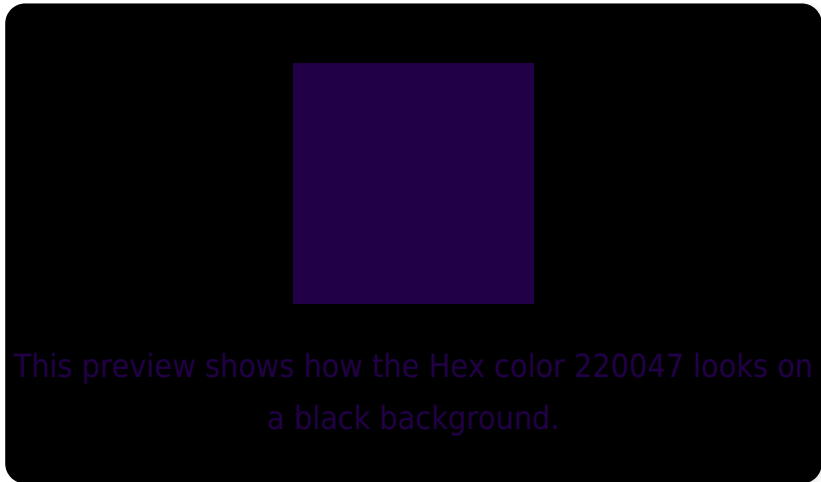
Large Text (above 18pt) WCAG AA ✓ Pass

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

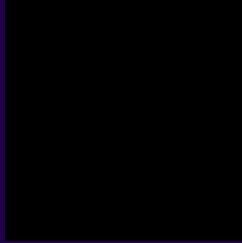
Any Text WCAG AA × Fail

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 220047 Background



This preview shows how black text looks on a background with the Hex color 220047.



This preview shows how white text looks on a background with the Hex color 220047.

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
220047

Protanopia
001A36

Tritanopia
151C1E

Trichromacy

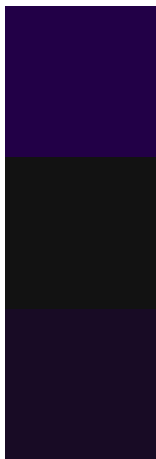


Original Color
220047

Protanomaly
0C113C

Tritanomaly
1A122D

Monochromacy



Original Color
220047

Achromatopsia
121212

Achromatomaly
180B25

CSS Examples

Text

The CSS property to change the color of the text to Hex 220047 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 #220047 looks like.

```
.text, #text, p{  
    color:#220047  
}
```

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 #220047 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #220047
}
```

Border

The CSS property to change the border of an element to Hex 220047 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
#220047 }
```

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

```
.border{ border-color:#220047 }
```

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

Here you see how a box with a 4 pixel #220047 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #220047; -webkit-box-shadow:4px 4px  
4px 4px #220047; box-shadow:4px 4px 4px  
4px #220047 }
```

Background

The CSS property to change the background color of an element to Hex 220047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#220047 }
```

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

```
.background{ background-color:#220047 }
```

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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