

Converting Colors

Hex(220783)

Have a look what the booklet for
Hex(220783) contains.

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Color

Hex(220783)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 220783 |
| RGB | 34, 7, 131 |
| RGB Percent | 13%, 3%, 51% |
| CMY | 0.8667, 0.9725, 0.4863 |
| CMYK | 0.74, 0.95, 0.00, 0.49 |
| HSL | 253°, 90%, 27% |
| HSV | 253°, 95%, 51% |
| XYZ | 4.8324, 2.1307, 21.6293 |
| YIQ | 29.2090, -23.7120, 44.2880 |

Conversions

Conversions Part 2

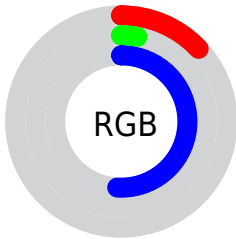
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 34, 7, 131 |
| Decimal | 2230147 |
| CIELab | 16.16, 46.61, -61.25 |
| CIELCh | 16, 76.970, 307.273 |
| Yxy | 2.1307, 0.1690, 0.0745 |
| Android (android.graphics.Color) | 4280420227 (0xFF220783) |
| YUV | 29.2090, 50.1830, 4.2017 |
| Hunter-Lab | 14.5970, 33.5483, -77.6357 |

Details

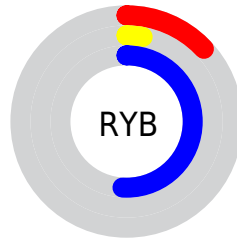
The Hex color **220783** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **688307**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **613AB9**, and **000050** is the 20% darker color. If you saturate the color by 10%, you get **1D0083**, and if you desaturate by 10%, it is **2C1483**.

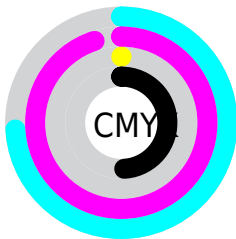
Distribution



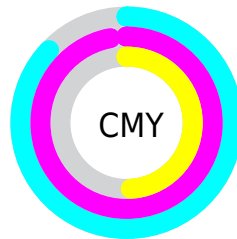
- Red (13%)
- Green (3%)
- Blue (51%)



- Red (13%)
- Yellow (3%)
- Blue (51%)



- Cyan (74%)
- Magenta (95%)
- Yellow (0%)
- Black (49%)



- Cyan (87%)
- Magenta (97%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 220783 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 220783 by changing the saturation by 10% instead.

■ 220783

■ 220783

■ FFF5FF

■ 000069

■ 613AB9

■ 000050

■ 7D53D6

■ 000538

■ 9A6CF2

■ 000222

■ B786FF

■ 000007

■ D4A1FF

■ 000000

■ F2BDFF

■ FFD9FF

■ 220783

■ 220783

■ 1D0083

■ 2C1483

■ 362183

■ 412E83

■ 4B3B83

■ 554983

■ 5F5683

■ 6A6383

■ 747083

■ 7E7D83

Harmonies

Analogous

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



002F9B



220783



6D0054

Triad

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



220783



520F00



003935

Complementary

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



220783



688307

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.



003800



220783



272B00

Square

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



220783



710000



003400



003B6C

Rectangle

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



220783



7C0030



003400



003922

Sweetspot

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



220783



857BAB



076883



403957



D6D6D6



575757

Same Dimension

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



220783



2500AB



600783



3D3C42



1C0082



010003

Inverse Universe

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



830768



AB0086



2A8307



423C41



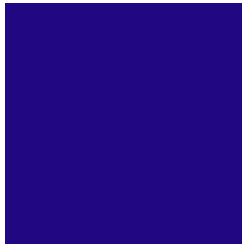
820066



030002

Previews

White Background



This preview shows how the Hex color 220783 looks on a white background.

Color Contrast Check

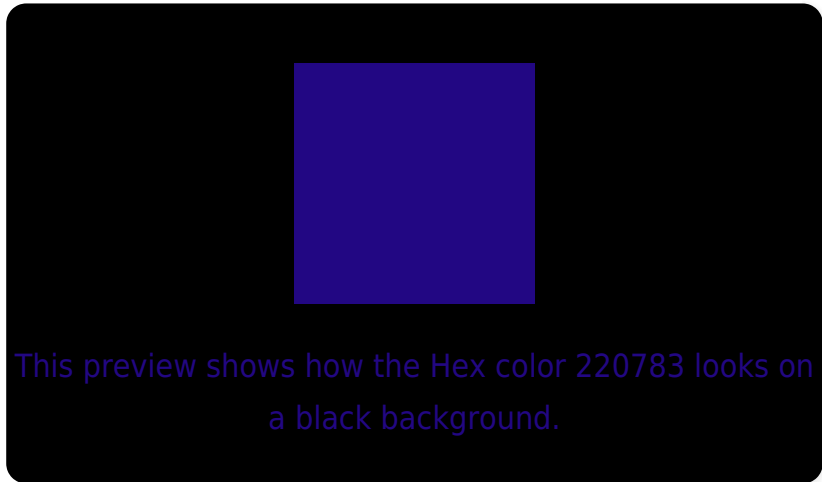
Large Text (above 18pt) WCAG AA ✓ Pass

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

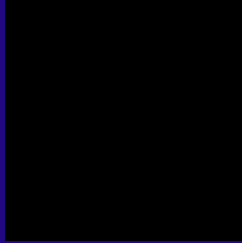
Any Text WCAG AA × Fail

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 220783 Background



This preview shows how black text looks on a background with the Hex color 220783.



This preview shows how white text looks on a background with the Hex color 220783.

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
220783

Protanopia
002956

Deuteranopia
002C49



Tritanopia
002F32

Trichromacy



Original Color
220783

Protanomaly
0C1D66

Deuteranomaly
0C1F5E

Tritanomaly
0C204F

Monochromacy



Original Color
220783

Achromatopsia
1D1D1D

Achromatomaly
1F1542

CSS Examples

Text

The CSS property to change the color of the text to Hex 220783 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 #220783 looks like.

```
.text, #text, p{  
    color:#220783  
}
```

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 #220783 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #220783
}
```

Border

The CSS property to change the border of an element to Hex 220783 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
#220783 }
```

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

```
.border{ border-color:#220783 }
```

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

Here you see how a box with a 4 pixel #220783 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #220783; -webkit-box-shadow:4px 4px  
4px 4px #220783; box-shadow:4px 4px 4px  
4px #220783 }
```

Background

The CSS property to change the background color of an element to Hex 220783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#220783 }
```

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

```
.background{ background-color:#220783 }
```

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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