

Converting Colors

Hex(220D4C)

Have a look what the booklet for
Hex(220D4C) contains.

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Color

Hex(220D4C)

Conversions

Conversions Part 1

Format	Color
Hex	220D4C
RGB	34, 13, 76
RGB Percent	13%, 5%, 30%
CMY	0.8667, 0.9490, 0.7020
CMYK	0.55, 0.83, 0.00, 0.70
HSL	260°, 71%, 17%
HSV	260°, 83%, 30%
XYZ	2.1081, 1.1497, 6.9483
YIQ	26.4610, -7.7070, 24.0450

Conversions

Conversions Part 2

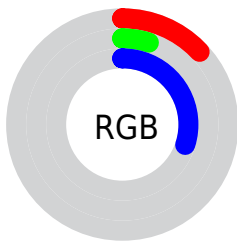
Format	Color
RYB	34, 13, 76
Decimal	2231628
CIELab	10.18, 27.63, -34.78
CIELCh	10, 44.423, 308.465
Yxy	1.1497, 0.2066, 0.1127
Android (android.graphics.Color)	4280421708 (0xFF220D4C)
YUV	26.4610, 24.4227, 6.6117
Hunter-Lab	10.7226, 16.3297, -30.9145

Details

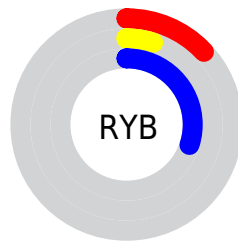
The Hex color **220D4C** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **374C0D**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **54397E**, and **00021F** is the 20% darker color. If you saturate the color by 10%, you get **1D054C**, and if you desaturate by 10%, it is **27154C**.

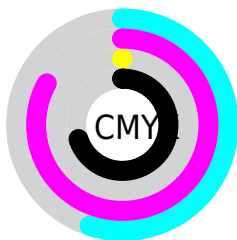
Distribution



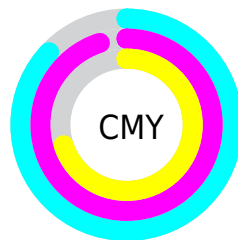
- Red (13%)
- Green (5%)
- Blue (30%)



- Red (13%)
- Yellow (5%)
- Blue (30%)



- Cyan (55%)
- Magenta (83%)
- Yellow (0%)
- Black (70%)



- Cyan (87%)
- Magenta (95%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 220D4C 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 220D4C by changing the saturation by 10% instead.

 220D4C

 220D4C

 FFF0FF

 110035

 54397E

 00021F

 6E5198

 000001

 8869B3

 000000

 A382CF

 BE9DEB

 DBB8FF

 F8D4FF

 220D4C

 220D4C

■ 1D054C

■ 27154C

■ 19004C

■ 2C1C4C

■ 31244C

■ 362B4C

■ 3B334C

■ 403B4C

■ 45424C

■ 4B4A4C

■ 50514C

Harmonies

Analogous

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



001E59



220D4C



430033

Triad

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



220D4C



351100



002924

Complementary

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



220D4C



374C0D

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.



002800



220D4C



1C1E00

Square

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



220D4C



460000



002400



002841

Rectangle

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



220D4C



4C001F



002400



002919

Sweetspot

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



220D4C



534B63



0D374C



292433



B3B3B3



333333

Same Dimension

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



220D4C



220163



420D4C



242226



220066



4C00E6

Inverse Universe

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



4C0D37



630143



174C0D



262225



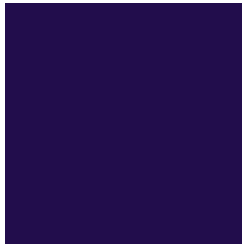
660044



E60099

Previews

White Background



This preview shows how the Hex color 220D4C looks on a white background.

Color Contrast Check

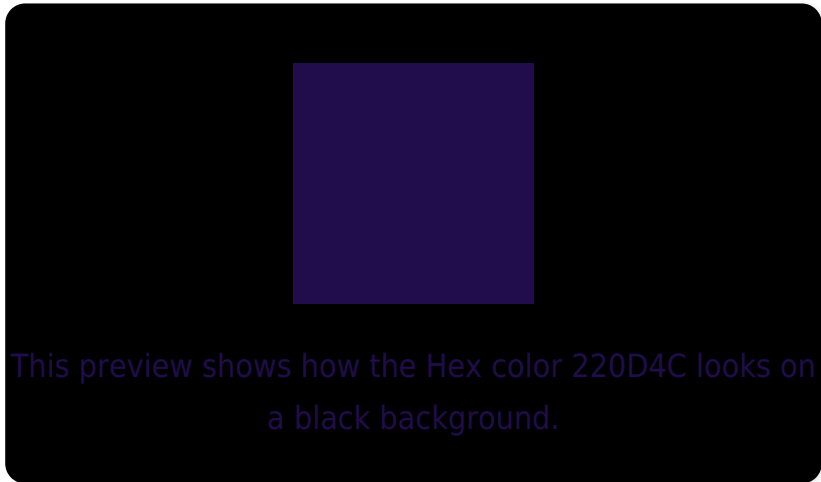
Large Text (above 18pt) WCAG AA ✓ Pass

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

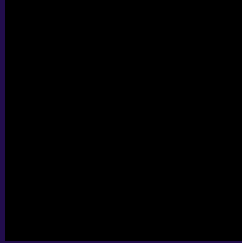
Any Text WCAG AA × Fail

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 220D4C Background



This preview shows how black text looks on a background with the Hex color 220D4C.



This preview shows how white text looks on a background with the Hex color 220D4C.

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
220D4C

Protanopia
001C3C

Tritanopia
131F22

Trichromacy

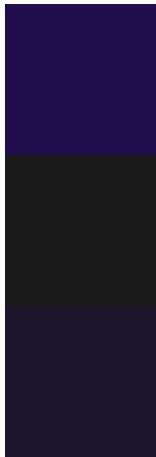


Original Color
220D4C

Protanomaly
0C1742

Tritanomaly
181831

Monochromacy



Original Color
220D4C

Achromatopsia
1A1A1A

Achromatomaly
1D152C

CSS Examples

Text

The CSS property to change the color of the text to Hex 220D4C 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 #220D4C looks like.

```
.text, #text, p{  
    color:#220D4C  
}
```

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 #220D4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #220D4C
}
```

Border

The CSS property to change the border of an element to Hex 220D4C 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".

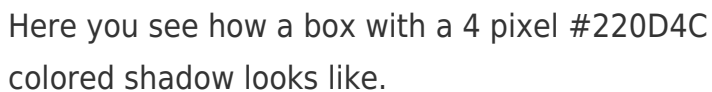
```
.border, #border, table{ border:4px solid
#220D4C }
```

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

```
.border{ border-color:#220D4C }
```

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

Here you see how a box with a 4 pixel #220D4C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #220D4C; -webkit-box-shadow:4px 4px  
4px 4px #220D4C; box-shadow:4px 4px 4px  
4px #220D4C }
```

Background

The CSS property to change the background color of an element to Hex 220D4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#220D4C }
```

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

```
.background{ background-color:#220D4C }
```

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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