

Converting Colors

Hex(220E67)

Have a look what the booklet for
Hex(220E67) contains.

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Color

Hex(220E67)

Conversions

Conversions Part 1

Format	Color
Hex	220E67
RGB	34, 14, 103
RGB Percent	13%, 5%, 40%
CMY	0.8667, 0.9451, 0.5961
CMYK	0.67, 0.86, 0.00, 0.60
HSL	253°, 76%, 23%
HSV	253°, 86%, 40%
XYZ	3.2649, 1.6334, 12.9752
YIQ	30.1260, -16.6490, 31.9190

Conversions

Conversions Part 2

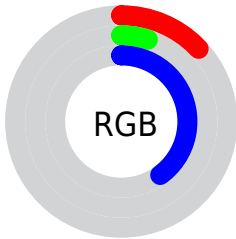
Format	Color
R_YB	34, 14, 103
Decimal	2231911
CIE _{Lab}	13.43, 35.67, -47.67
CIE _{LCh}	13, 59.542, 306.805
Yxy	1.6334, 0.1827, 0.0914
Android (android.graphics.Color)	4280421991 (0xFF220E67)
YUV	30.1260, 35.9269, 3.3975
Hunter-Lab	12.7806, 23.2334, -51.2463




Details

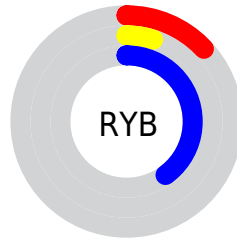
The Hex color **220E67** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **53670E**, and the grayscale version is **1E1E1E**.




A 20% lighter version of the original color is **593C9B**, and **000037** is the 20% darker color. If you saturate the color by 10%, you get **1A0467**, and if you desaturate by 10%, it is **2A1867**.

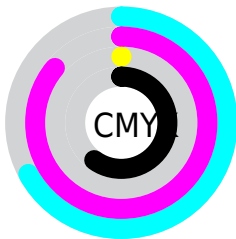
Distribution







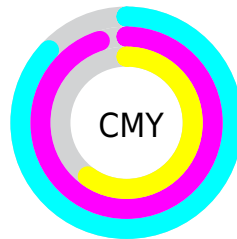
-  Red (13%)
-  Green (5%)
-  Blue (40%)






-  Red (13%)
-  Yellow (5%)
-  Blue (40%)



-  Cyan (67%)
-  Magenta (86%)
-  Yellow (0%)
-  Black (60%)



-  Cyan (87%)
-  Magenta (95%)
-  Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 220E67 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 220E67 by changing the saturation by 10% instead.

 220E67

 220E67

 FFF5FF

 00004E


 593C9B

 000037

 7454B6

 000220

 906DD2

 000005

 AC86EF

 000000

 C8A1FF

 E5BCFF

 FFD8FF

 220E67

 220E67

■ 1A0467

■ 2A1867

■ 170067

■ 322367

■ 3A2D67

■ 423767

■ 4A4267

■ 524C67

■ 5A5667

■ 626067

■ 6A6B67

Harmonies

Analogous

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



002778



220E67



570044

Triad

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



220E67



441100



00322B

Complementary

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



220E67



53670E

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.



003000



220E67



242400

Square

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



220E67



5C0000



002C00



003254

Rectangle

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



220E67



630029



002C00



00311D

Sweetspot

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



220E67



6C6487



0E5467



343045



C4C4C4



454545

Same Dimension

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



220E67



1E0087



4E0E67



2F2E33



1A0073



3600F2

Inverse Universe

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



670E53



870069



27670E



332E32



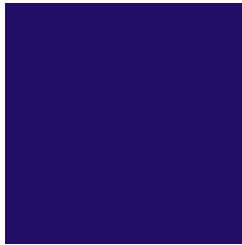
730059



F200BC

Previews

White Background



This preview shows how the Hex color 220E67 looks on a white background.

Color Contrast Check

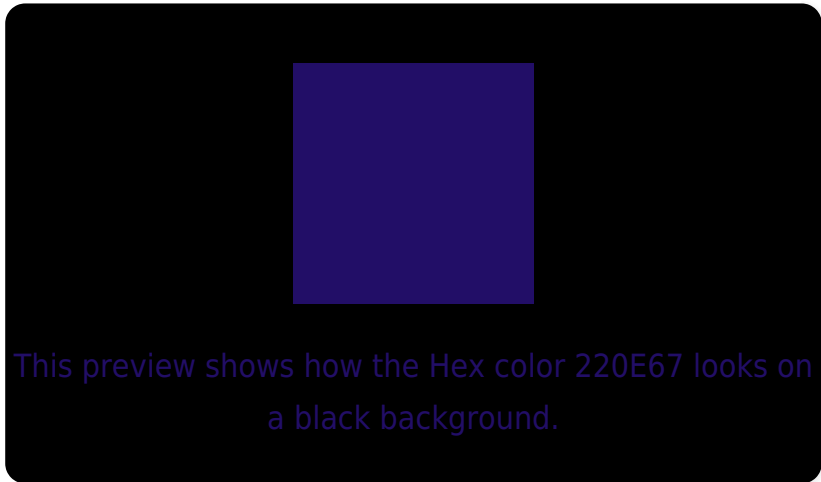
Large Text (above 18pt) WCAG AA ✓ Pass

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

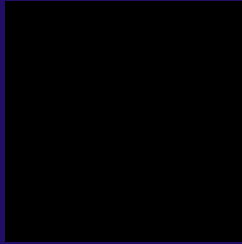
Any Text WCAG AA × Fail

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 220E67 Background



This preview shows how black text looks on a background with the Hex color 220E67.



This preview shows how white text looks on a background with the Hex color 220E67.

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
220E67

Protanopia
002349

Deuteranopia
00253E



Tritanopia
00282B

Trichromacy



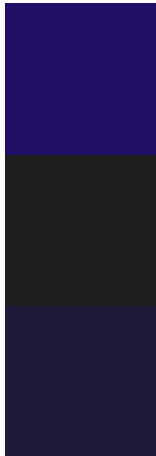
Original Color
220E67

Protanomaly
0C1B54

Deuteranomaly
0C1D4D

Tritanomaly
0C1F41

Monochromacy



Original Color
220E67

Achromatopsia
1E1E1E

Achromatomaly
1F1839

CSS Examples

Text

The CSS property to change the color of the text to Hex 220E67 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 #220E67 looks like.

```
.text, #text, p{  
    color:#220E67  
}
```

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 #220E67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #220E67
}
```

Border

The CSS property to change the border of an element to Hex 220E67 is called "border". The border property can be set on classes, ids or directly on the HTML element.

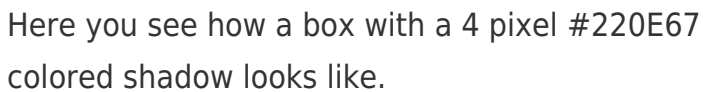
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#220E67 }
```

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

```
.border{ border-color:#220E67 }
```

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



Here you see how a box with a 4 pixel #220E67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #220E67; -webkit-box-shadow:4px 4px  
4px 4px #220E67; box-shadow:4px 4px 4px  
4px #220E67 }
```

Background

The CSS property to change the background color of an element to Hex 220E67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#220E67 }
```

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

```
.background{ background-color:#220E67 }
```

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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