

Converting Colors

Hex(220E3D)

Have a look what the booklet for
Hex(220E3D) contains.

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Color

Hex(220E3D)

Conversions

Conversions Part 1

Format	Color
Hex	220E3D
RGB	34, 14, 61
RGB Percent	13%, 5%, 24%
CMY	0.8667, 0.9451, 0.7608
CMYK	0.44, 0.77, 0.00, 0.76
HSL	266°, 63%, 15%
HSV	266°, 77%, 24%
XYZ	1.6590, 0.9911, 4.5187
YIQ	25.3380, -3.1670, 18.8570

Conversions

Conversions Part 2

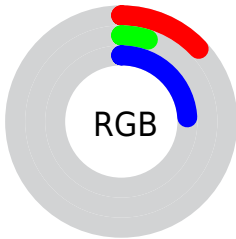
Format	Color
R_YB	34, 14, 61
Decimal	2231869
CIE Lab	8.92, 22.30, -26.28
CIE LCh	9, 34.469, 310.312
Yxy	0.9911, 0.2314, 0.1382
Android (android.graphics.Color)	4280421949 (0xFF220E3D)
YUV	25.3380, 17.5814, 7.5966
Hunter-Lab	9.9553, 12.3249, -19.9432

Details

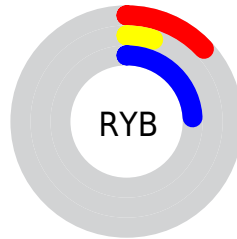
The Hex color **220E3D** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **293D0E**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **51396D**, and **000110** is the 20% darker color. If you saturate the color by 10%, you get **1E083D**, and if you desaturate by 10%, it is **26143D**.

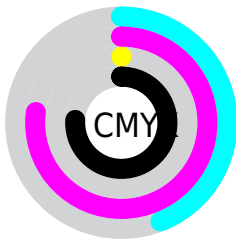
Distribution



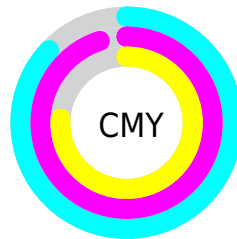
- Red (13%)
- Green (5%)
- Blue (24%)



- Red (13%)
- Yellow (5%)
- Blue (24%)



- Cyan (44%)
- Magenta (77%)
- Yellow (0%)
- Black (76%)



- Cyan (87%)
- Magenta (95%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 220E3D 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 220E3D by changing the saturation by 10% instead.

 220E3D

 220E3D

 FFEFFF

 0E0027

 51396D

 000110

 6A5087

 000000

 8469A1

 9F82BC

 BA9CD8

 D6B7F4

 F3D3FF

 220E3D

 220E3D

■ 1E083D

■ 26143D

■ 1B023D

■ 291A3D

■ 1A003D

■ 2D203D

■ 30263D

■ 342D3D

■ 37333D

■ 3B393D

■ 3E3F3D

■ 42453D

Harmonies

Analogous

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



001A48



220E3D



390029

Triad

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



220E3D



2D1200



002521

Complementary

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



220E3D



293D0E

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.



002403



220E3D



1A1B00

Square

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



220E3D



3B0300



002000



002437

Rectangle

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



220E3D



3F001A



002000



002519

Sweetspot

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



220E3D



453D4F



0E293D



221D29



A8A8A8



292929

Same Dimension

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



220E3D



25064F



390E3D



1D1C1F



28005E



5E00DE

Inverse Universe

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



3D0E29



4F0630



123D0E



1F1C1D



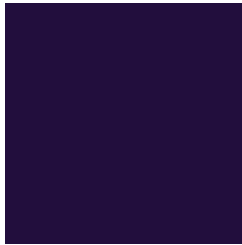
5E0036



DE007F

Previews

White Background



This preview shows how the Hex color 220E3D looks on a white background.

Color Contrast Check

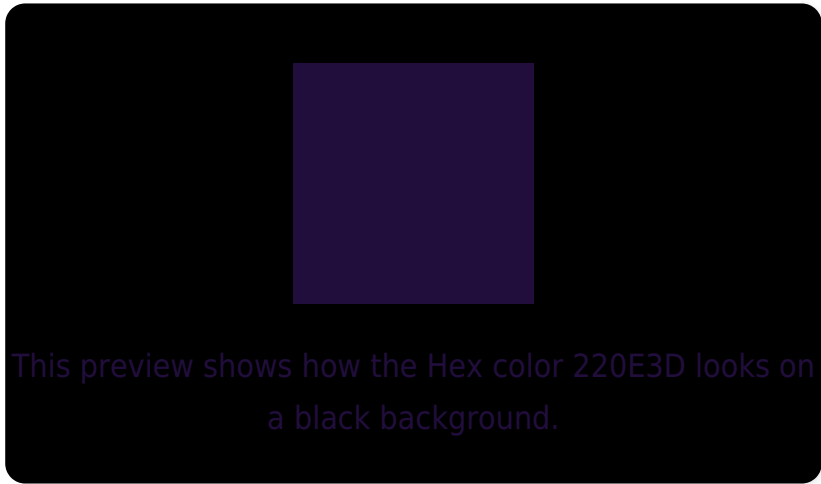
Large Text (above 18pt) WCAG AA ✓ Pass

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

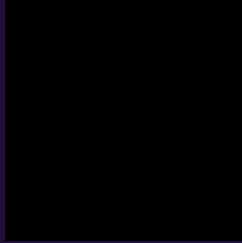
Any Text WCAG AA × Fail

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 220E3D Background



This preview shows how black text looks on a background with the Hex color 220E3D.



This preview shows how white text looks on a background with the Hex color 220E3D.

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
220E3D

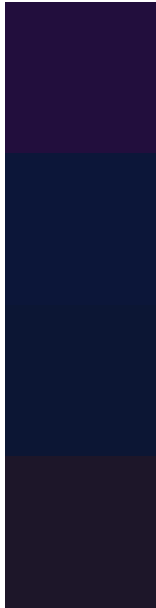
Protanopia
001A36

Deuteranopia
001B2F



Tritanopia
1A1A1D

Trichromacy



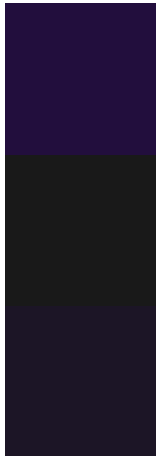
Original Color
220E3D

Protanomaly
0C1639

Deuteranomaly
0C1634

Tritanomaly
1D1629

Monochromacy



Original Color
220E3D

Achromatopsia
191919

Achromatomaly
1C1526

CSS Examples

Text

The CSS property to change the color of the text to Hex 220E3D 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 #220E3D looks like.

```
.text, #text, p{  
    color:#220E3D  
}
```

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 #220E3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #220E3D
}
```

Border

The CSS property to change the border of an element to Hex 220E3D is called "border". The border property can be set on classes, ids or directly on the HTML element.

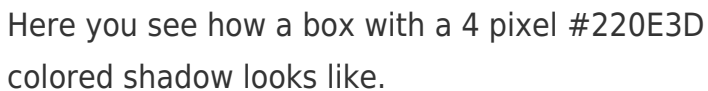
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#220E3D }
```

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

```
.border{ border-color:#220E3D }
```

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



Here you see how a box with a 4 pixel #220E3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #220E3D; -webkit-box-shadow:4px 4px  
4px 4px #220E3D; box-shadow:4px 4px 4px  
4px #220E3D }
```

Background

The CSS property to change the background color of an element to Hex 220E3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#220E3D }
```

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

```
.background{ background-color:#220E3D }
```

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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