

Converting Colors

Hex(220061)

Have a look what the booklet for
Hex(220061) contains.

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Color

Hex(220061)

Conversions

Conversions Part 1

Format	Color
Hex	220061
RGB	34, 0, 97
RGB Percent	13%, 0%, 38%
CMY	0.8667, 1.0000, 0.6196
CMYK	0.65, 1.00, 0.00, 0.62
HSL	261°, 100%, 19%
HSV	261°, 100%, 38%
XYZ	2.8174, 1.2031, 11.3930
YIQ	21.2240, -10.8730, 37.3750

Conversions

Conversions Part 2

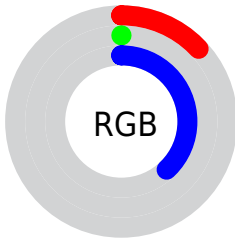
Format	Color
RYB	34, 0, 97
Decimal	2228321
CIELab	10.58, 40.17, -48.42
CIELCh	11, 62.910, 309.681
Yxy	1.2031, 0.1828, 0.0781
Android (android.graphics.Color)	4280418401 (0xFF220061)
YUV	21.2240, 37.3576, 11.2046
Hunter-Lab	10.9688, 26.6526, -53.9047

Details

The Hex color **220061** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **3F6100**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **593195**, and **000431** is the 20% darker color. If you saturate the color by 10%, you get **220061**, and if you desaturate by 10%, it is **280A61**.

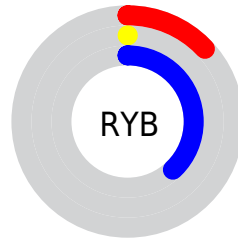
Distribution



Red (13%)

Green (0%)

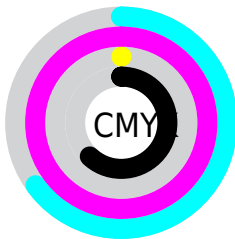
Blue (38%)



Red (13%)

Yellow (0%)

Blue (38%)

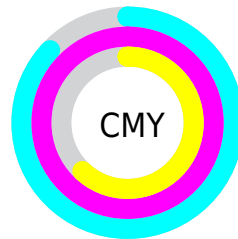


Cyan (65%)

Magenta (100%)

Yellow (0%)

Black (62%)



Cyan (87%)

Magenta (100%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 220061 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 220061 by changing the saturation by 10% instead.

 220061

 220061

 FFE9FF

 080049

 593195

 000431

 7449B0

 00011B

 9062CC

 000000

 AB7BE8

 C896FF

 E5B1FF

 FFCCFF

 220061

■ 280A61

■ 2F1361

■ 351D61

■ 3B2761

■ 413161

■ 483A61

■ 4E4461

■ 544E61

■ 5B5761

Harmonies

Analogous

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



002175



220061



54003B

Triad

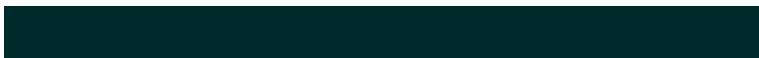
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



220061



3B0D00



002A2A

Complementary

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



220061



3F6100

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.



002900



220061



182000

Square

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



220061



540000



002800



002D54

Rectangle

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



220061



5E0020



002800



002A1B

Sweetspot

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



220061



65577D



003F61



312940



BFBFBF



404040

Same Dimension

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



220061



2C007D



520061



2D2C30



270070



5400F0

Inverse Universe

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



61003F



7D0051



0F6100



302C2F



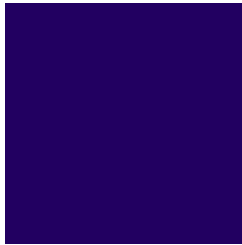
700049



F0009C

Previews

White Background



This preview shows how the Hex color 220061 looks on a white background.

Color Contrast Check

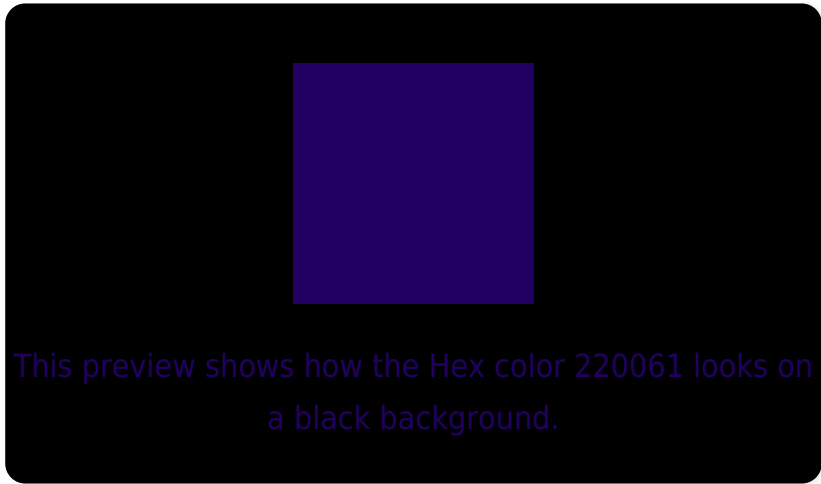
Large Text (above 18pt) WCAG AA ✓ Pass

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

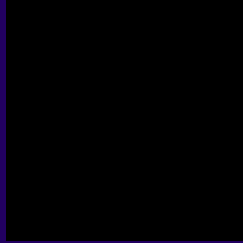
Any Text WCAG AA × Fail

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 220061 Background



This preview shows how black text looks on a background with the Hex color 220061.



This preview shows how white text looks on a background with the Hex color 220061.

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
220061

Protanopia
002043

Deuteranopia
002239

Trichromacy



Original Color
220061

Protanomaly
0C144E

Deuteranomaly
0C1648

Tritanomaly
0C183C

Monochromacy



Original Color
220061

Achromatopsia
151515

Achromatomaly
1A0D31

CSS Examples

Text

The CSS property to change the color of the text to Hex 220061 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 #220061 looks like.

```
.text, #text, p{  
    color:#220061  
}
```

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 #220061 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #220061
}
```

Border

The CSS property to change the border of an element to Hex 220061 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
#220061 }
```

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

```
.border{ border-color:#220061 }
```

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

Here you see how a box with a 4 pixel #220061 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #220061; -webkit-box-shadow:4px 4px  
4px 4px #220061; box-shadow:4px 4px 4px  
4px #220061 }
```

Background

The CSS property to change the background color of an element to Hex 220061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#220061 }
```

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

```
.background{ background-color:#220061 }
```

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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