

# Converting Colors

Hex(210063)

Have a look what the booklet for  
Hex(210063) contains.

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# Color

**Hex(210063)**

# Conversions

## Conversions Part 1

Format	Color
Hex	210063
RGB	33, 0, 99
RGB Percent	13%, 0%, 39%
CMY	0.8706, 1.0000, 0.6118
CMYK	0.67, 1.00, 0.00, 0.61
HSL	260°, 100%, 19%
HSV	260°, 100%, 39%
XYZ	2.8793, 1.2242, 11.8889
YIQ	21.1530, -12.1110, 37.7850

# Conversions

## Conversions Part 2

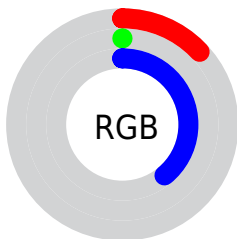
Format	Color
R <sub>Y</sub> B	33, 0, 99
Decimal	2162787
CIE Lab	10.73, 40.63, -49.50
CIE LCh	11, 64.039, 309.382
Yxy	1.2242, 0.1800, 0.0765
Android (android.graphics.Color)	4280352867 (0xFF210063)
YUV	21.1530, 38.3786, 10.3898
Hunter-Lab	11.0643, 27.0897, -55.9639

# Details

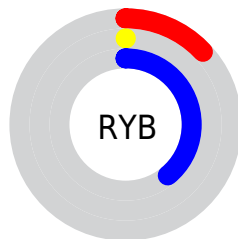
The Hex color **210063** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **426300**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **593197**, and **000433** is the 20% darker color. If you saturate the color by 10%, you get **210063**, and if you desaturate by 10%, it is **280A63**.

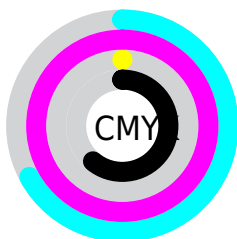
# Distribution



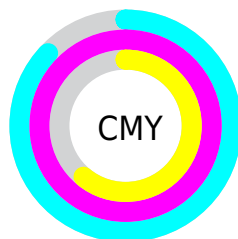
- Red (13%)
- Green (0%)
- Blue (39%)



- Red (13%)
- Yellow (0%)
- Blue (39%)



- Cyan (67%)
- Magenta (100%)
- Yellow (0%)
- Black (61%)



- Cyan (87%)
- Magenta (100%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 210063 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 210063 by changing the saturation by 10% instead.



 210063

 210063

 FFE9FF

 05004B

 593197

 000433

 7449B2

 00021D

 8F62CE

 000000

 AB7BEB

 C896FF

 E5B1FF

 FFCDFD

 210063

■ 280A63

■ 2E1463

■ 351E63

■ 3B2863

■ 423263

■ 493B63

■ 4F4563

■ 564F63

■ 5C5963

# Harmonies

## Analogous

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



002277



210063



55003D

# Triad

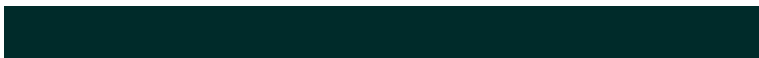
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



210063



3C0C00



002B2A

# Complementary

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



210063



426300

# 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.



002A00



210063



192000

# Square

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



210063



550000



002800



002D55

# Rectangle

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



210063



600020



002800



002A1B



# Sweetspot

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



210063



665980



004263



302940



BFBFBF



404040



# Same Dimension

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



210063



2A0080



530063



2D2C30



250070



5000F0



# Inverse Universe

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



630042



800055



106300



302C2F



70004B

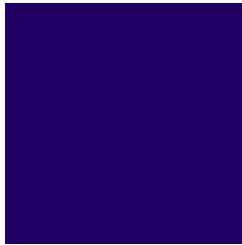


F000A0



# Previews

## White Background



This preview shows how the Hex color 210063 looks on a white background.

## Color Contrast Check

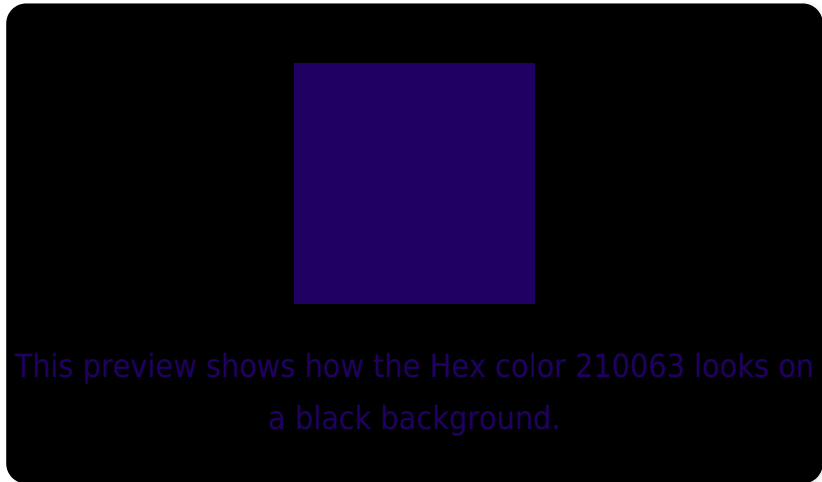
Large Text (above 18pt) WCAG AA ✓ Pass

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

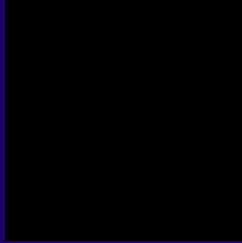
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 210063 Background



This preview shows how black text looks on a background with the Hex color 210063.



This preview shows how white text looks on a background with the Hex color 210063.

# 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**  
210063

**Protanopia**  
002044

**Deuteranopia**  
00223A



# Trichromacy



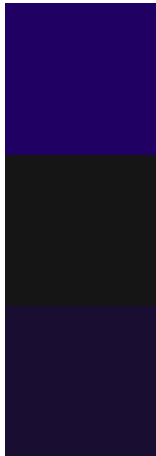
**Original Color**  
210063

**Protanomaly**  
0C144F

**Deuteranomaly**  
0C1649

**Tritanomaly**  
0C183D

# Monochromacy



**Original Color**  
210063

**Achromatopsia**  
151515

**Achromatomaly**  
190D31

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 210063 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 #210063 looks like.

```
.text, #text, p{  
    color:#210063  
}
```

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 #210063 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #210063
}
```

## Border

The CSS property to change the border of an element to Hex 210063 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
#210063 }
```

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

```
.border{ border-color:#210063 }
```

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

Here you see how a box with a 4 pixel #210063 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #210063; -webkit-box-shadow:4px 4px  
4px 4px #210063; box-shadow:4px 4px 4px  
4px #210063 }
```

# Background

The CSS property to change the background color of an element to Hex 210063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#210063 }
```

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

```
.background{ background-color:#210063 }
```

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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