

# Converting Colors

Hex(200657)

Have a look what the booklet for  
Hex(200657) contains.

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# Color

**Hex(200657)**

# Conversions

## Conversions Part 1

Format	Color
Hex	200657
RGB	32, 6, 87
RGB Percent	13%, 2%, 34%
CMY	0.8745, 0.9765, 0.6588
CMYK	0.63, 0.93, 0.00, 0.66
HSL	259°, 87%, 18%
HSV	259°, 93%, 34%
XYZ	2.3811, 1.1254, 9.1086
YIQ	23.0080, -10.5050, 30.7030

# Conversions

## Conversions Part 2

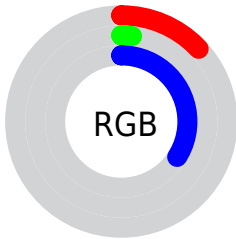
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	32, 6, 87
Decimal	2098775
CIE Lab	10.00, 34.25, -42.65
CIE LCh	10, 54.701, 308.767
Yxy	1.1254, 0.1887, 0.0892
Android (android.graphics.Color)	4280288855 (0xFF200657)
YUV	23.0080, 31.5481, 7.8860
Hunter-Lab	10.6087, 21.4985, -43.4799




# Details

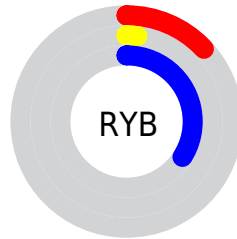
The Hex color **200657** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **3D5706**, and the grayscale version is **171717**.




A 20% lighter version of the original color is **55348A**, and **000328** is the 20% darker color. If you saturate the color by 10%, you get **1C0057**, and if you desaturate by 10%, it is **260F57**.

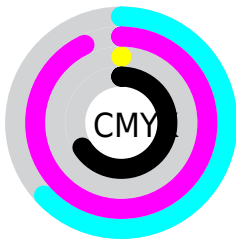
# Distribution







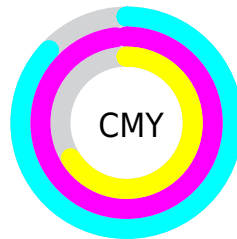
-  Red (13%)
-  Green (2%)
-  Blue (34%)






-  Red (13%)
-  Yellow (2%)
-  Blue (34%)



-  Cyan (63%)
-  Magenta (93%)
-  Yellow (0%)
-  Black (66%)



-  Cyan (87%)
-  Magenta (98%)
-  Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 200657 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 200657 by changing the saturation by 10% instead.



 200657

 200657

 FFEBFF

 0C003F

 55348A

 000328

 6F4CA5

 000112

 8A64C0

 000000

 A67EDC

 C298F9

 DEB3FF

 FCCFFF

 200657

 200657

■ 1C0057

■ 260F57

■ 2C1757

■ 322057

■ 382957

■ 3E3257

■ 433A57

■ 494357

■ 4F4C57

■ 555457

# Harmonies

## Analogous

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



001F68



200657



4B0037

# Triad

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



200657



380E00



002926

# Complementary

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



200657



3D5706

# 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



200657



1A1E00

# Square

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



200657



4D0000



002600



002B4A

# Rectangle

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



200657



55001F



002600



002819



# Sweetspot

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



200657



5B5170



063D57



2B2538



B8B8B8



383838



# Same Dimension

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



200657



240070



480657



28272B



22006B



4B00EB



# Inverse Universe

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



57063D



70004C



155706



2B272A



6B0049

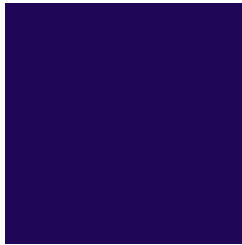


EB009F



# Previews

## White Background



This preview shows how the Hex color 200657 looks on a white background.

## Color Contrast Check

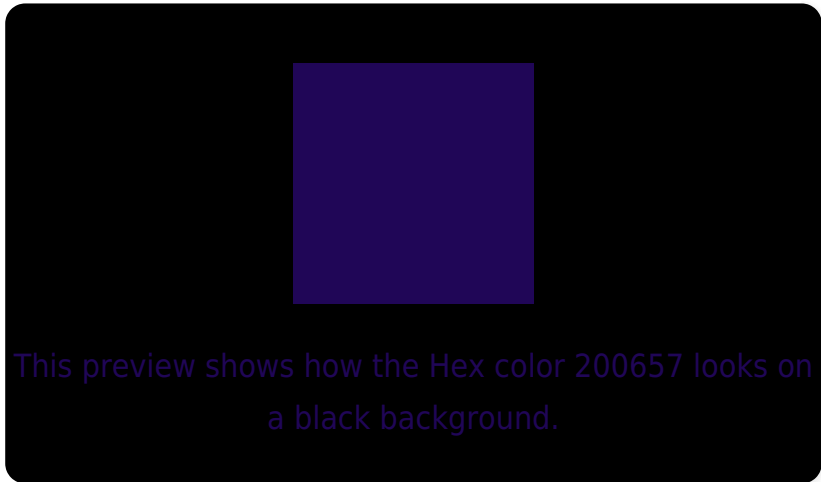
Large Text (above 18pt) WCAG AA ✓ Pass

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

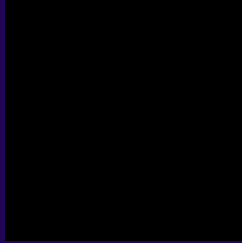
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 200657 Background



This preview shows how black text looks on a background with the Hex color 200657.



This preview shows how white text looks on a background with the Hex color 200657.

# 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**  
200657

**Protanopia**  
001D3E

**Deuteranopia**  
001F34



# Trichromacy



**Original Color**  
200657

**Protanomaly**  
0C1547

**Deuteranomaly**  
0C1641

**Tritanomaly**  
0C1837

# Monochromacy



**Original Color**  
200657

**Achromatopsia**  
171717

**Achromatomaly**  
1A112E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 200657 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 #200657 looks like.

```
.text, #text, p{  
    color:#200657  
}
```

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 #200657 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #200657
}
```

## Border

The CSS property to change the border of an element to Hex 200657 is called "border". The border property can be set on classes, ids or directly on the HTML element.

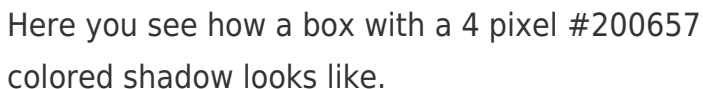
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#200657 }
```

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

```
.border{ border-color:#200657 }
```

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



Here you see how a box with a 4 pixel #200657 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #200657; -webkit-box-shadow:4px 4px  
4px 4px #200657; box-shadow:4px 4px 4px  
4px #200657 }
```

# Background

The CSS property to change the background color of an element to Hex 200657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#200657 }
```

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

```
.background{ background-color:#200657 }
```

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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