

Converting Colors

Hex(201357)

Have a look what the booklet for
Hex(201357) contains.

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Color

Hex(201357)

Conversions

Conversions Part 1

Format	Color
Hex	201357
RGB	32, 19, 87
RGB Percent	13%, 7%, 34%
CMY	0.8745, 0.9255, 0.6588
CMYK	0.63, 0.78, 0.00, 0.66
HSL	251°, 64%, 21%
HSV	251°, 78%, 34%
XYZ	2.5488, 1.4609, 9.1645
YIQ	30.6390, -14.0800, 23.9040

Conversions

Conversions Part 2

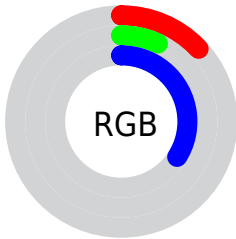
Format	Color
R_{YB}	32, 19, 87
Decimal	2102103
CIE _{Lab}	12.36, 27.43, -38.76
CIE _{LCh}	12, 47.480, 305.288
Yxy	1.4609, 0.1935, 0.1109
Android (android.graphics.Color)	4280292183 (0xFF201357)
YUV	30.6390, 27.7860, 1.1936
Hunter-Lab	12.0869, 16.4891, -36.4936




Details

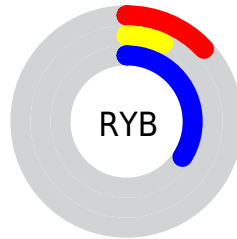
The Hex color **201357** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **4A5713**, and the grayscale version is **1E1E1E**.




A 20% lighter version of the original color is **543F8A**, and **000328** is the 20% darker color. If you saturate the color by 10%, you get **190A57**, and if you desaturate by 10%, it is **271C57**.

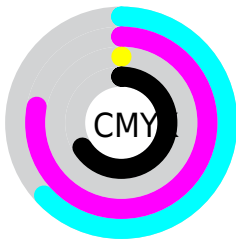
Distribution







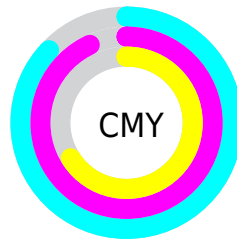
-  Red (13%)
-  Green (7%)
-  Blue (34%)






-  Red (13%)
-  Yellow (7%)
-  Blue (34%)



-  Cyan (63%)
-  Magenta (78%)
-  Yellow (0%)
-  Black (66%)



-  Cyan (87%)
-  Magenta (93%)
-  Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 201357 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 201357 by changing the saturation by 10% instead.

 201357

 201357

 FFF7FF

 07003F

 543F8A

 000328

 6E57A4

 000112

 886FC0

 000000

 A489DC

 C0A3F8

 DCBEFF

 F9DAFF

 201357

 201357

■ 190A57

■ 271C57

■ 120257

■ 2E2457

■ 110057

■ 352D57

■ 3C3657

■ 433F57

■ 4A4757

■ 515057

■ 585957

■ 5F6157

Harmonies

Analogous

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



002463



201357



49003C

Triad

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



201357



3E1200



002E25

Complementary

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



201357



4A5713

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.



002C00



201357



242100

Square

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



201357



500000



002800



002D46

Rectangle

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



201357



540027



002800



002D1A

Sweetspot

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



201357



5B5670



134B57



2B2838



B8B8B8



383838

Same Dimension

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



201357



1B0770



411357



28272B



14006B



2D00EB

Inverse Universe

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



57134A



70075C



295713



2B272B



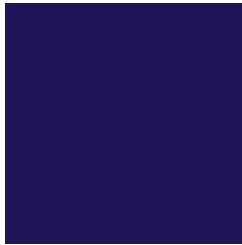
6B0057



EB00BE

Previews

White Background



This preview shows how the Hex color 201357 looks on a white background.

Color Contrast Check

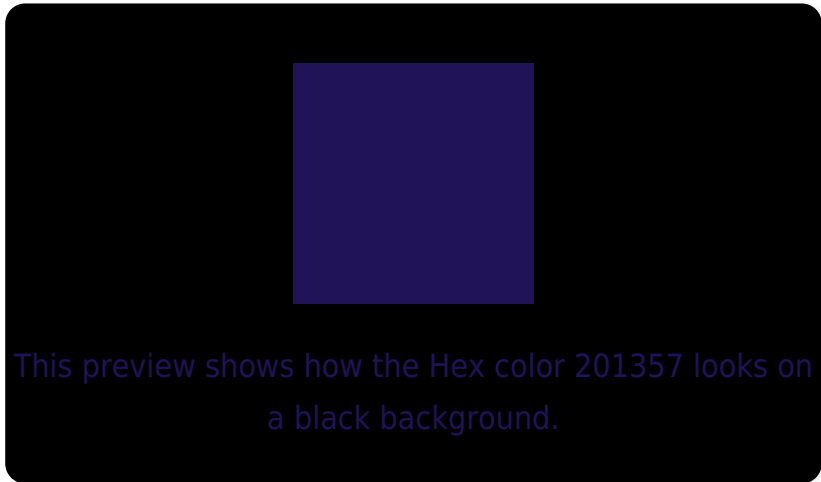
Large Text (above 18pt) WCAG AA ✓ Pass

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

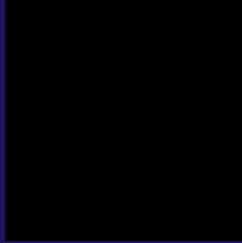
Any Text WCAG AA × Fail

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 201357 Background



This preview shows how black text looks on a background with the Hex color 201357.



This preview shows how white text looks on a background with the Hex color 201357.

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
201357

Protanopia
002044

Deuteranopia
00223A

Trichromacy



Original Color
201357

Protanomaly
0C1B4B

Deuteranomaly
0C1D45

Tritanomaly
0C1E39

Monochromacy



Original Color
201357

Achromatopsia
1F1F1F

Achromatomaly
1F1B33

CSS Examples

Text

The CSS property to change the color of the text to Hex 201357 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 #201357 looks like.

```
.text, #text, p{  
    color:#201357  
}
```

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 #201357 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #201357
}
```

Border

The CSS property to change the border of an element to Hex 201357 is called "border". The border property can be set on classes, ids or directly on the HTML element.

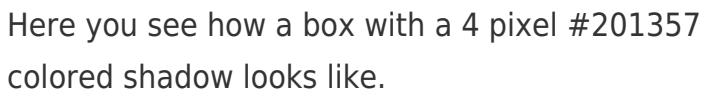
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#201357 }
```

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

```
.border{ border-color:#201357 }
```

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



Here you see how a box with a 4 pixel #201357 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #201357; -webkit-box-shadow:4px 4px  
4px 4px #201357; box-shadow:4px 4px 4px  
4px #201357 }
```

Background

The CSS property to change the background color of an element to Hex 201357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#201357 }
```

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

```
.background{ background-color:#201357 }
```

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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