

Converting Colors

Hex(200317)

Have a look what the booklet for
Hex(200317) contains.

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Color

Hex(200317)

Conversions

Conversions Part 1

Format	Color
Hex	200317
RGB	32, 3, 23
RGB Percent	13%, 1%, 9%
CMY	0.8745, 0.9882, 0.9098
CMYK	0.00, 0.91, 0.28, 0.87
HSL	319°, 83%, 7%
HSV	319°, 91%, 13%
XYZ	0.7829, 0.4341, 0.8531
YIQ	13.9510, 10.8640, 12.3680

Conversions

Conversions Part 2

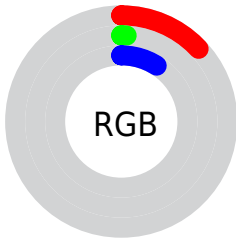
Format	Color
R_{YB}	32, 3, 23
Decimal	2097943
CIE _{Lab}	3.92, 15.17, -5.44
CIE _{LCh}	4, 16.116, 340.263
Yxy	0.4341, 0.3782, 0.2097
Android (android.graphics.Color)	4280288023 (0xFF200317)
YUV	13.9510, 4.4612, 15.8290
Hunter-Lab	6.5883, 9.6812, -3.0657

Details

The Hex color **200317** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **03200C**, and the grayscale version is **0E0E0E**.

A 20% lighter version of the original color is **4B3141**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **200016**, and if you desaturate by 10%, it is **200618**.

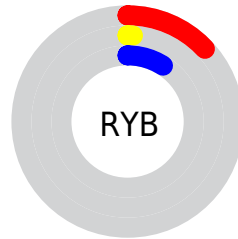
Distribution



Red (13%)

Green (1%)

Blue (9%)



Red (13%)

Yellow (1%)

Blue (9%)

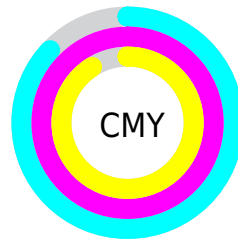


Cyan (0%)

Magenta (91%)

Yellow (28%)

Black (87%)



Cyan (87%)

Magenta (99%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 200317 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 200317 by changing the saturation by 10% instead.

■ 200317

■ 200317

■ FFE4F8

■ 000000

■ 4B3141

■ 644759

■ 7D5F71

■ 97788B

■ B292A5

■ CDADC0

■ EAC8DC

■ 200317

■ 200317

■ 200016

■ 200618

■ 200919

■ 200D1A

■ 20101B

■ 20131C

■ 20161D

■ 20191E

■ 201D1F

■ 202020

Harmonies

Analogous

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



160720



200317



240208

Triad

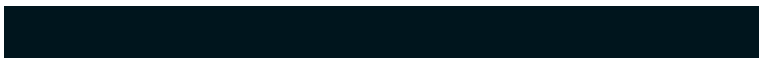
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



200317



0E0F00



00151D

Complementary

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



200317



03200C

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.



001612



200317



001300

Square

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



200317



1B0900



001600



001223

Rectangle

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



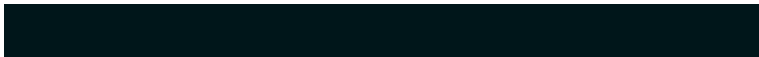
200317



240300



001600



00161A

Sweetspot

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



200317



291E25



0C0320



140E12



949494



141414

Same Dimension

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



200317



29001C



200309



0F0E0F



4F0037



CF008E

Inverse Universe

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



200317



29001C



03201A



0F0E0F



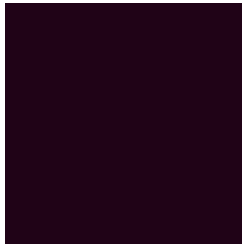
4F0037



CF008E

Previews

White Background



This preview shows how the Hex color 200317 looks on a white background.

Color Contrast Check

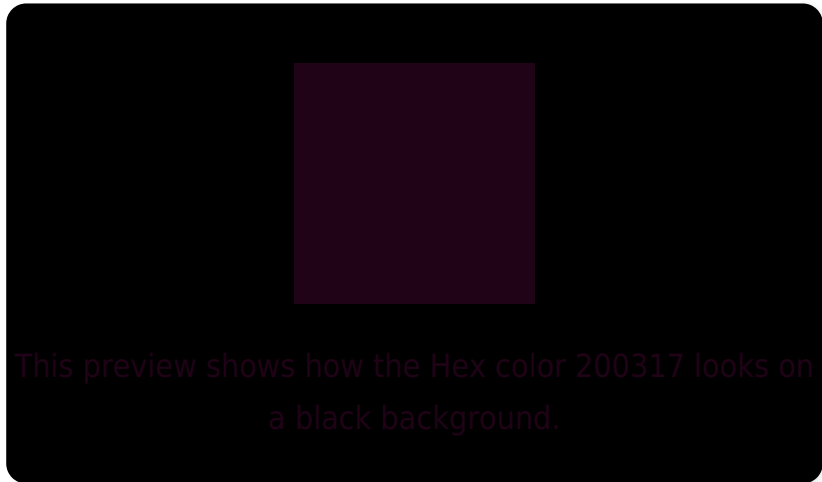
Large Text (above 18pt) WCAG AA ✓ Pass

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

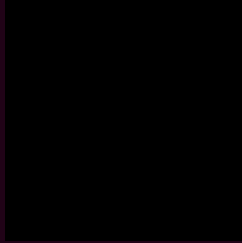
Any Text WCAG AA × Fail

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 200317 Background



This preview shows how black text looks on a background with the Hex color 200317.



This preview shows how white text looks on a background with the Hex color 200317.

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
200317

Protanopia
091120

Deuteranopia
111116



Tritanopia
1F090A

Trichromacy



Original Color
200317

Protanomaly
110C1D

Deuteranomaly
160C16

Tritanomaly
1F070F

Monochromacy



Original Color
200317

Achromatopsia
0E0E0E

Achromatomaly
150A11

CSS Examples

Text

The CSS property to change the color of the text to Hex 200317 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 #200317 looks like.

```
.text, #text, p{  
    color:#200317  
}
```

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 #200317 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #200317
}
```

Border

The CSS property to change the border of an element to Hex 200317 is called "border". The border property can be set on classes, ids or directly on the HTML element.

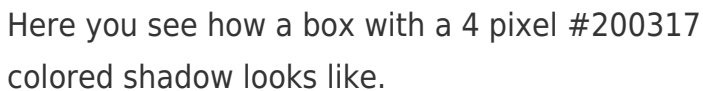
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#200317 }
```

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

```
.border{ border-color:#200317 }
```

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



Here you see how a box with a 4 pixel #200317 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #200317; -webkit-box-shadow:4px 4px  
4px 4px #200317; box-shadow:4px 4px 4px  
4px #200317 }
```

Background

The CSS property to change the background color of an element to Hex 200317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#200317 }
```

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

```
.background{ background-color:#200317 }
```

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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