

Converting Colors

Hex(200225)

Have a look what the booklet for
Hex(200225) contains.

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Color

Hex(200225)

Conversions

Conversions Part 1

Format	Color
Hex	200225
RGB	32, 2, 37
RGB Percent	13%, 1%, 15%
CMY	0.8745, 0.9922, 0.8549
CMYK	0.14, 0.95, 0.00, 0.85
HSL	291°, 90%, 8%
HSV	291°, 95%, 15%
XYZ	0.9513, 0.4841, 1.7936
YIQ	14.9600, 6.6450, 17.2450

Conversions

Conversions Part 2

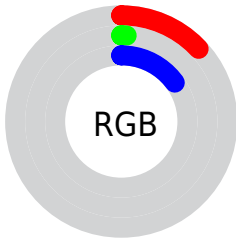
Format	Color
RYB	32, 2, 37
Decimal	2097701
CIELab	4.37, 19.94, -15.76
CIElCh	4, 25.418, 321.674
Yxy	0.4841, 0.2946, 0.1499
Android (android.graphics.Color)	4280287781 (0xFF200225)
YUV	14.9600, 10.8657, 14.9441
Hunter-Lab	6.9575, 12.2309, -10.4141

Details

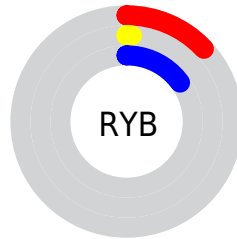
The Hex color **200225** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **072502**, and the grayscale version is **0F0F0F**.

A 20% lighter version of the original color is **4C2F52**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **200025**, and if you desaturate by 10%, it is **210625**.

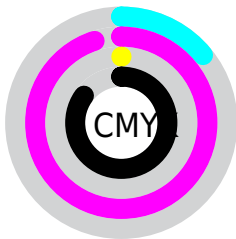
Distribution



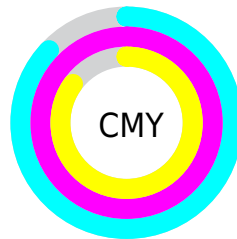
- Red (13%)
- Green (1%)
- Blue (15%)



- Red (13%)
- Yellow (1%)
- Blue (15%)



- Cyan (14%)
- Magenta (95%)
- Yellow (0%)
- Black (85%)



- Cyan (87%)
- Magenta (99%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 200225 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 200225 by changing the saturation by 10% instead.

 200225

 200225

 FFE3FF

 00010E

 4C2F52

 000000

 65466A

 7E5E83

 98779D

 B391B8

 CFABD4

 EBC7F1

 200225

 200225

■ 200025

■ 210625

■ 210925

■ 220D25

■ 221125

■ 231525

■ 231825

■ 241C25

■ 242025

■ 252325

Harmonies

Analogous

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



040C2F



200225



2B0016

Triad

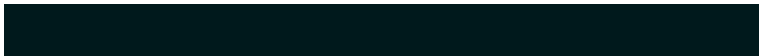
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



200225



1A0C00



00191C

Complementary

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



200225



072502

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.



001806



200225



001400

Square

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



200225



270300



001800



00182A

Rectangle

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



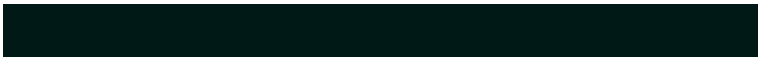
200225



2E0005



001800



001917

Sweetspot

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



200225



2F2330



020725



18111A



999999



1A1A1A

Same Dimension

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



200225



2A0030



250219



121012



460052



B300D1

Inverse Universe

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



250207



300007



02250E



121010



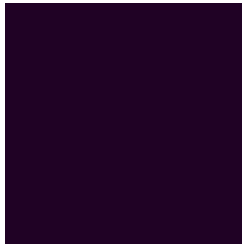
52000C



D1001E

Previews

White Background



This preview shows how the Hex color 200225 looks on a white background.

Color Contrast Check

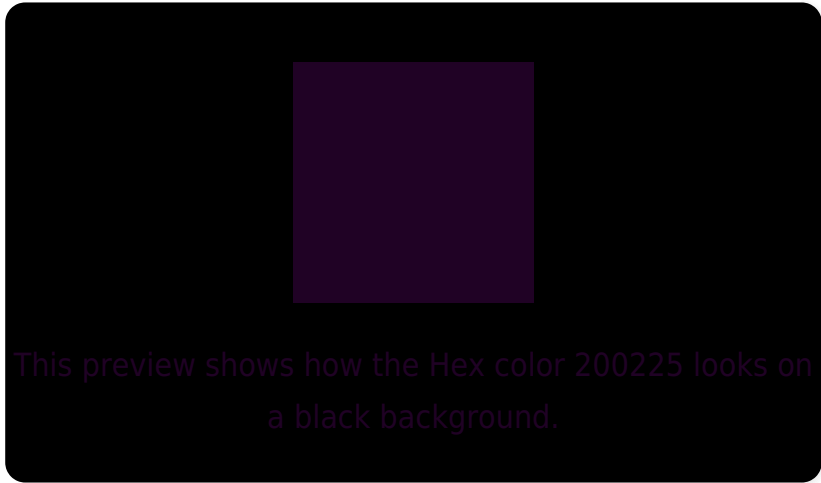
Large Text (above 18pt) WCAG AA ✓ Pass

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

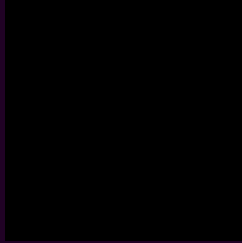
Any Text WCAG AA × Fail

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 200225 Background



This preview shows how black text looks on a background with the Hex color 200225.



This preview shows how white text looks on a background with the Hex color 200225.

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
200225

Deuteranopia
001323

Tritanopia
1D0F10

Trichromacy



Original Color
200225

Deuteranomaly
0C0D24

Tritanomaly
1E0A18

Monochromacy



Original Color
200225

Achromatopsia
0F0F0F

Achromatomaly
150A17

CSS Examples

Text

The CSS property to change the color of the text to Hex 200225 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 #200225 looks like.

```
.text, #text, p{  
    color:#200225  
}
```

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 #200225 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #200225
}
```

Border

The CSS property to change the border of an element to Hex 200225 is called "border". The border property can be set on classes, ids or directly on the HTML element.

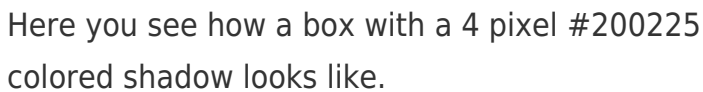
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#200225 }
```

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

```
.border{ border-color:#200225 }
```

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



Here you see how a box with a 4 pixel #200225 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #200225; -webkit-box-shadow:4px 4px  
4px 4px #200225; box-shadow:4px 4px 4px  
4px #200225 }
```

Background

The CSS property to change the background color of an element to Hex 200225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#200225 }
```

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

```
.background{ background-color:#200225 }
```

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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