

Converting Colors

Hex(200440)

Have a look what the booklet for
Hex(200440) contains.

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Color

Hex(200440)

Conversions

Conversions Part 1

Format	Color
Hex	200440
RGB	32, 4, 64
RGB Percent	13%, 2%, 25%
CMY	0.8745, 0.9843, 0.7490
CMYK	0.50, 0.94, 0.00, 0.75
HSL	268°, 88%, 13%
HSV	268°, 94%, 25%
XYZ	1.5645, 0.7641, 4.9155
YIQ	19.2120, -2.5720, 24.5960

Conversions

Conversions Part 2

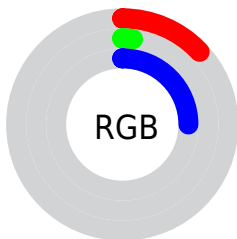
Format	Color
RYB	32, 4, 64
Decimal	2098240
CIELab	6.90, 28.47, -31.73
CIELCh	7, 42.632, 311.906
Yxy	0.7641, 0.2160, 0.1055
Android (android.graphics.Color)	4280288320 (0xFF200440)
YUV	19.2120, 22.0805, 11.2151
Hunter-Lab	8.7411, 16.6511, -27.2225

Details

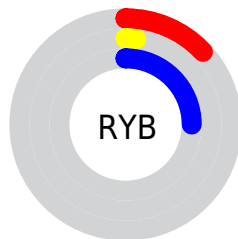
The Hex color **200440** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **244004**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **513071**, and **000114** is the 20% darker color. If you saturate the color by 10%, you get **1E0040**, and if you desaturate by 10%, it is **230A40**.

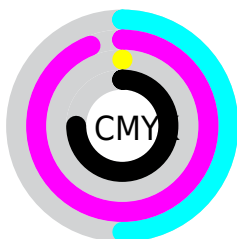
Distribution



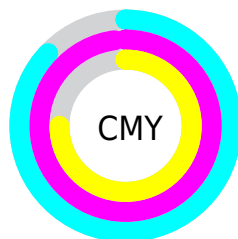
- Red (13%)
- Green (2%)
- Blue (25%)



- Red (13%)
- Yellow (2%)
- Blue (25%)



- Cyan (50%)
- Magenta (94%)
- Yellow (0%)
- Black (75%)



- Cyan (87%)
- Magenta (98%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 200440 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 200440 by changing the saturation by 10% instead.

 200440

 200440

 FFE6FF

 04002A

 513071

 000114

 6A488A

 000000

 8460A5

 9F79C0

 BA93DC

 D6AEF9

 F3C9FF

 200440

 200440

■ 1E0040

■ 230A40

■ 271140

■ 2A1740

■ 2E1E40

■ 312440

■ 342A40

■ 383140

■ 3B3740

■ 3F3E40

Harmonies

Analogous

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



00164E



200440



3C0027

Triad

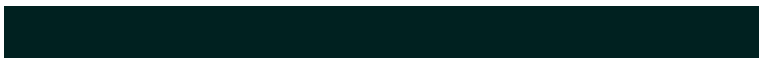
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



200440



2A0D00



002120

Complementary

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



200440



244004

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.



002000



200440



0F1800

Square

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



200440



3A0000



001F00



00223B

Rectangle

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



200440



420015



001F00



002016

Sweetspot

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



200440



483D54



042440



231D2B



ABABAB



2B2B2B

Same Dimension

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



200440



270054



3E0440



1F1E21



2D0061



6900E0

Inverse Universe

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



400424



54002D



064004



211E20



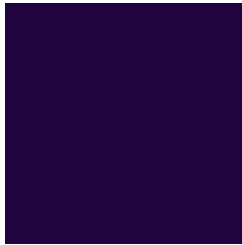
610034



E00078

Previews

White Background



This preview shows how the Hex color 200440 looks on a white background.

Color Contrast Check

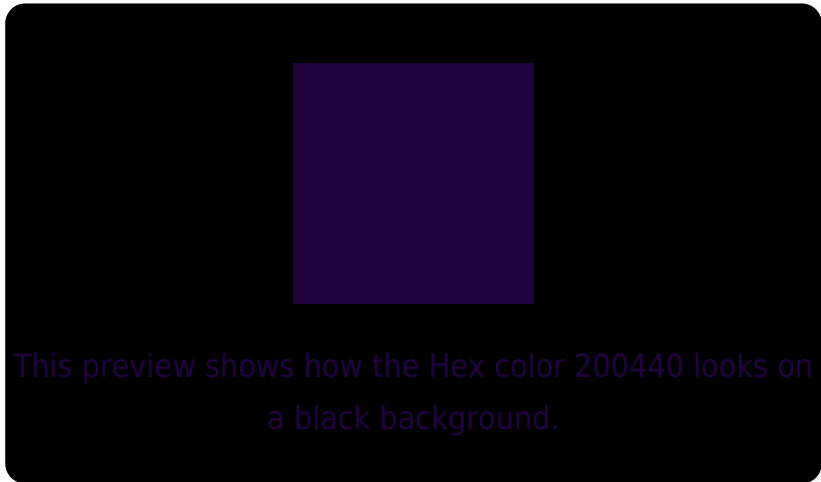
Large Text (above 18pt) WCAG AA ✓ Pass

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

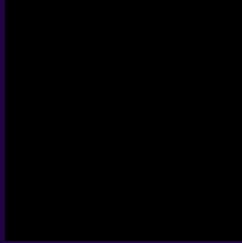
Any Text WCAG AA × Fail

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 200440 Background



This preview shows how black text looks on a background with the Hex color 200440.



This preview shows how white text looks on a background with the Hex color 200440.

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
200440

Protanopia
001832

Deuteranopia
00192B



Tritanopia
16191B

Trichromacy



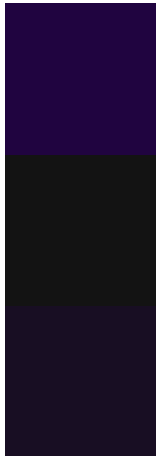
Original Color
200440

Protanomaly
0C1137

Deuteranomaly
0C1133

Tritanomaly
1A1128

Monochromacy



Original Color
200440

Achromatopsia
131313

Achromatomaly
180E23

CSS Examples

Text

The CSS property to change the color of the text to Hex 200440 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 #200440 looks like.

```
.text, #text, p{  
    color:#200440  
}
```

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 #200440 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #200440
}
```

Border

The CSS property to change the border of an element to Hex 200440 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
#200440 }
```

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

```
.border{ border-color:#200440 }
```

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

Here you see how a box with a 4 pixel #200440 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #200440; -webkit-box-shadow:4px 4px  
4px 4px #200440; box-shadow:4px 4px 4px  
4px #200440 }
```

Background

The CSS property to change the background color of an element to Hex 200440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#200440 }
```

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

```
.background{ background-color:#200440 }
```

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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