

Converting Colors

Hex(200040)

Have a look what the booklet for
Hex(200040) contains.

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Color

Hex(200040)

Conversions

Conversions Part 1

Format	Color
Hex	200040
RGB	32, 0, 64
RGB Percent	13%, 0%, 25%
CMY	0.8745, 1.0000, 0.7490
CMYK	0.50, 1.00, 0.00, 0.75
HSL	270°, 100%, 13%
HSV	270°, 100%, 25%
XYZ	1.5211, 0.6772, 4.9010
YIQ	16.8640, -1.4720, 26.6880

Conversions

Conversions Part 2

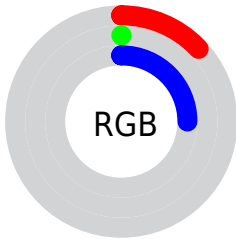
Format	Color
R_{YB}	32, 0, 64
Decimal	2097216
CIE Lab	6.12, 30.67, -33.01
CIE LCh	6, 45.057, 312.892
Yxy	0.6772, 0.2143, 0.0954
Android (android.graphics.Color)	4280287296 (0xFF200040)
YUV	16.8640, 23.2380, 13.2743
Hunter-Lab	8.2295, 18.5911, -29.5494

Details

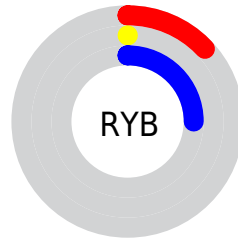
The Hex color **200040** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **204000**, and the grayscale version is **111111**.

A 20% lighter version of the original color is **512D71**, and **000113** is the 20% darker color. If you saturate the color by 10%, you get **200040**, and if you desaturate by 10%, it is **230640**.

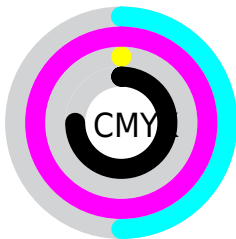
Distribution



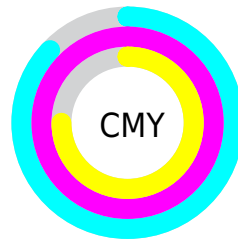
- Red (13%)
- Green (0%)
- Blue (25%)



- Red (13%)
- Yellow (0%)
- Blue (25%)



- Cyan (50%)
- Magenta (100%)
- Yellow (0%)
- Black (75%)



- Cyan (87%)
- Magenta (100%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 200040 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 200040 by changing the saturation by 10% instead.

 200040

 200040

 FFE2FF

 01002A

 512D71

 000113

 6A448A

 000000

 845CA5

 9F75C0

 BB8FDC

 D7AAF9

 F4C6FF

 200040

■ 230640

■ 260D40

■ 2A1340

■ 2D1A40

■ 302040

■ 332640

■ 362D40

■ 3A3340

■ 3D3A40

Harmonies

Analogous

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



00144F



200040



3C0026

Triad

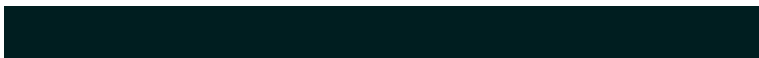
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



200040



280B00



001E20

Complementary

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



200040



204000

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.



001E00



200040



081700

Square

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



200040



3A0000



001E00



00203C

Rectangle

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



200040



420012



001E00



001E16

Sweetspot

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



200040



483B54



002040



241C2B



ABABAB



2B2B2B

Same Dimension

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



200040



2A0054



400040



1F1E21



300061



7000E0

Inverse Universe

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



400020



54002A



004000



211E1F



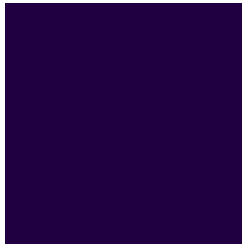
610030



E00070

Previews

White Background



This preview shows how the Hex color 200040 looks on a white background.

Color Contrast Check

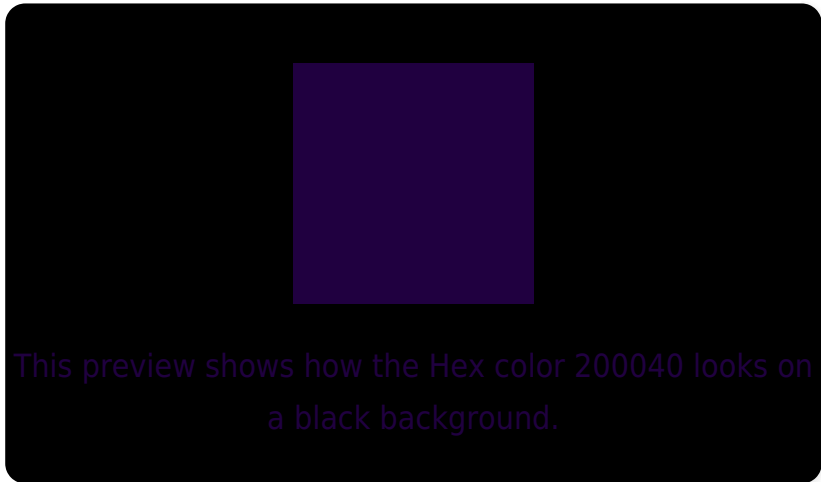
Large Text (above 18pt) WCAG AA ✓ Pass

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

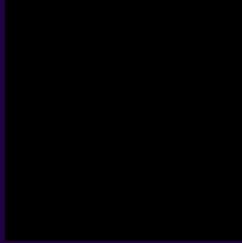
Any Text WCAG AA × Fail

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 200040 Background



This preview shows how black text looks on a background with the Hex color 200040.



This preview shows how white text looks on a background with the Hex color 200040.

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
200040

Protanopia
001832

Deuteranopia
00192A



Tritanopia
16191B

Trichromacy



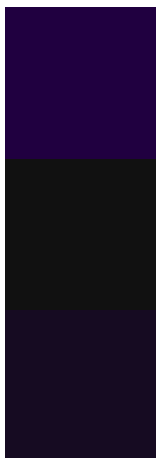
Original Color
200040

Protanomaly
0C0F37

Deuteranomaly
0C1032

Tritanomaly
1A1028

Monochromacy



Original Color
200040

Achromatopsia
111111

Achromatomaly
160B22

CSS Examples

Text

The CSS property to change the color of the text to Hex 200040 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 #200040 looks like.

```
.text, #text, p{  
    color:#200040  
}
```

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 #200040 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #200040
}
```

Border

The CSS property to change the border of an element to Hex 200040 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
#200040 }
```

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

```
.border{ border-color:#200040 }
```

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

Here you see how a box with a 4 pixel #200040 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #200040; -webkit-box-shadow:4px 4px  
4px 4px #200040; box-shadow:4px 4px 4px  
4px #200040 }
```

Background

The CSS property to change the background color of an element to Hex 200040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#200040 }
```

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

```
.background{ background-color:#200040 }
```

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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