

Converting Colors

Hex(200730)

Have a look what the booklet for
Hex(200730) contains.

Hex(200730)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(200730)

Conversions

Conversions Part 1

Format	Color
Hex	200730
RGB	32, 7, 48
RGB Percent	13%, 3%, 19%
CMY	0.8745, 0.9725, 0.8118
CMYK	0.33, 0.85, 0.00, 0.81
HSL	277°, 75%, 11%
HSV	277°, 85%, 19%
XYZ	1.2051, 0.6724, 2.8626
YIQ	19.1490, 1.7390, 18.0510

Conversions

Conversions Part 2

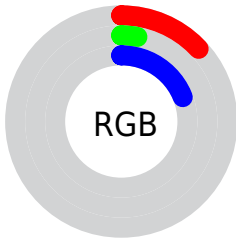
Format	Color
R_{YB}	32, 7, 48
Decimal	2098992
CIE Lab	6.07, 21.45, -21.41
CIE LCh	6, 30.304, 315.046
Yxy	0.6724, 0.2542, 0.1419
Android (android.graphics.Color)	4280289072 (0xFF200730)
YUV	19.1490, 14.2235, 11.2703
Hunter-Lab	8.2002, 11.8829, -14.9572




Details

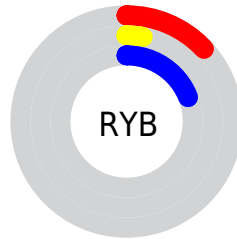
The Hex color **200730** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **173007**, and the grayscale version is **131313**.




A 20% lighter version of the original color is **4E335E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1E0230**, and if you desaturate by 10%, it is **220C30**.

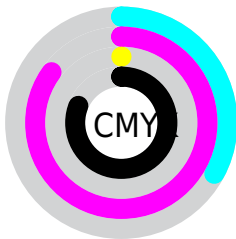
Distribution







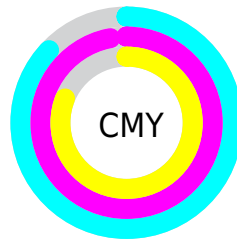
-  Red (13%)
-  Green (3%)
-  Blue (19%)






-  Red (13%)
-  Yellow (3%)
-  Blue (19%)



-  Cyan (33%)
-  Magenta (85%)
-  Yellow (0%)
-  Black (81%)



-  Cyan (87%)
-  Magenta (97%)
-  Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 200730 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 200730 by changing the saturation by 10% instead.

■ 200730

■ 200730

■ FFE7FF

■ 00001B

■ 4E335E

■ 000000

■ 664A77

■ 806291

■ 9A7BAC

■ B595C7

■ D1B0E3

■ EECBFF

■ 200730

■ 200730

■ 1E0230

■ 220C30

■ 1D0030

■ 241130

■ 261530

■ 271A30

■ 291F30

■ 2B2430

■ 2D2930

■ 2F2D30

■ 313230

Harmonies

Analogous

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



00133A



200730



31001E

Triad

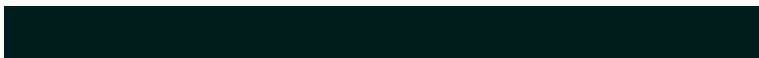
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



200730



230E00



001E1D

Complementary

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



200730



173007

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.



001E02



200730



0D1600

Square

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



200730



2F0300



001C00



001E30

Rectangle

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



200730



350010



001C00



001E17

Sweetspot

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



200730



372D3D



071730



1B151F



9E9E9E



1F1F1F

Same Dimension

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



200730



25003D



30072C



161517



350057



8300D6

Inverse Universe

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



300717



3D0018



07300B



171516



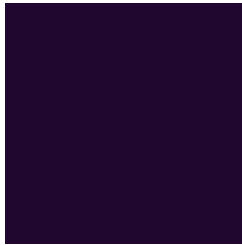
570022



D60054

Previews

White Background



This preview shows how the Hex color 200730 looks on a white background.

Color Contrast Check

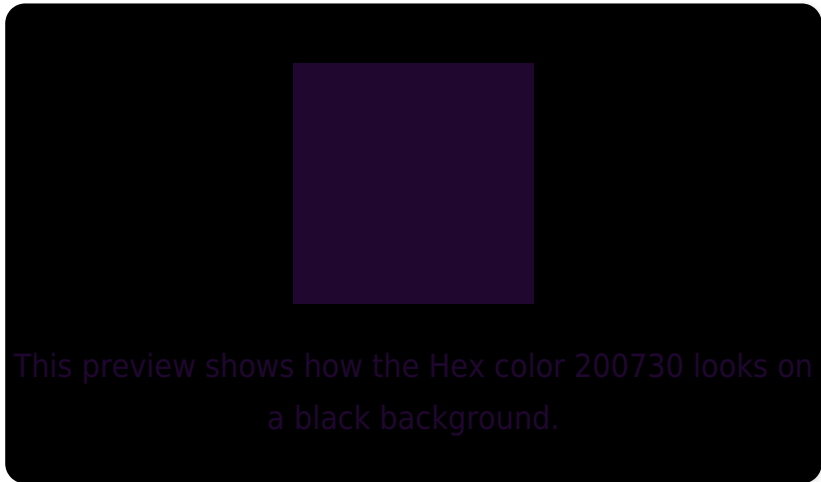
Large Text (above 18pt) WCAG AA ✓ Pass

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

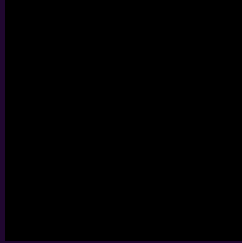
Any Text WCAG AA × Fail

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 200730 Background



This preview shows how black text looks on a background with the Hex color 200730.



This preview shows how white text looks on a background with the Hex color 200730.

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
200730

Protanopia
00152C

Deuteranopia
001626



Tritanopia
1B1415

Trichromacy



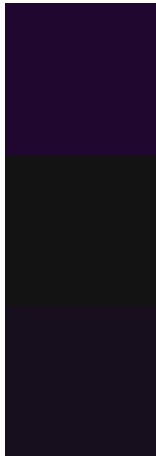
Original Color
200730

Protanomaly
0C102D

Deuteranomaly
0C112A

Tritanomaly
1D0F1F

Monochromacy



Original Color
200730

Achromatopsia
131313

Achromatomaly
180F1E

CSS Examples

Text

The CSS property to change the color of the text to Hex 200730 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 #200730 looks like.

```
.text, #text, p{  
    color:#200730  
}
```

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 #200730 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #200730
}
```

Border

The CSS property to change the border of an element to Hex 200730 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
#200730 }
```

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

```
.border{ border-color:#200730 }
```

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

Here you see how a box with a 4 pixel #200730 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #200730; -webkit-box-shadow:4px 4px  
4px 4px #200730; box-shadow:4px 4px 4px  
4px #200730 }
```

Background

The CSS property to change the background color of an element to Hex 200730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#200730 }
```

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

```
.background{ background-color:#200730 }
```

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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