

Converting Colors

Hex(200EAC)

Have a look what the booklet for
Hex(200EAC) contains.

Hex(200EAC)	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>	28

Color

Hex(200EAC)

Conversions

Conversions Part 1

Format	Color
Hex	200EAC
RGB	32, 14, 172
RGB Percent	13%, 5%, 67%
CMY	0.8745, 0.9451, 0.3255
CMYK	0.81, 0.92, 0.00, 0.33
HSL	247°, 85%, 36%
HSV	247°, 92%, 67%
XYZ	8.1991, 3.5997, 39.2924
YIQ	37.3940, -39.9900, 52.9540

Conversions

Conversions Part 2

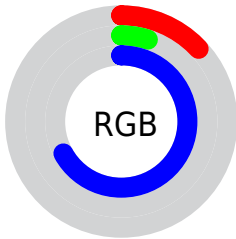
Format	Color
R_{YB}	32, 14, 172
Decimal	2100908
CIE _{Lab}	22.30, 55.83, -76.35
CIE _{LCh}	22, 94.590, 306.176
Yxy	3.5997, 0.1605, 0.0705
Android (android.graphics.Color)	4280290988 (0xFF200EAC)
YUV	37.3940, 66.3608, -4.7305
Hunter-Lab	18.9729, 43.9358, -109.5071




Details

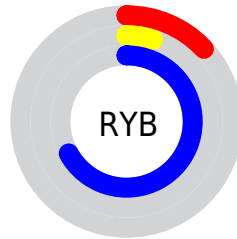
The Hex color **200EAC** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **9AAC0E**, and the grayscale version is **252525**.




A 20% lighter version of the original color is **6A43E5**, and **000076** is the 20% darker color. If you saturate the color by 10%, you get **1400AC**, and if you desaturate by 10%, it is **2F1FAC**.

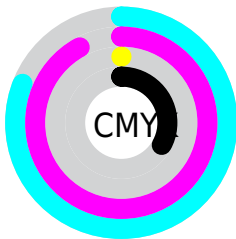
Distribution







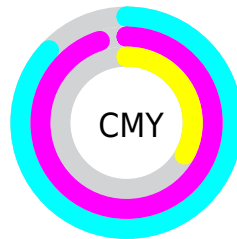
-  Red (13%)
-  Green (5%)
-  Blue (67%)






-  Red (13%)
-  Yellow (5%)
-  Blue (67%)



-  Cyan (81%)
-  Magenta (92%)
-  Yellow (0%)
-  Black (33%)



-  Cyan (87%)
-  Magenta (95%)
-  Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 200EAC 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 200EAC by changing the saturation by 10% instead.

 200EAC

 200EAC

FFFFFF

 000091

 6A43E5

 000076

 895CFF

 00005C

 A776FF

 000743

 C591FF

 00032C

 E4ACFF

 000117

 FFC8FF

 000000

 FFE5FF

 200EAC

 200EAC

■ 1400AC

■ 2F1FAC

■ 3E30AC

■ 4E42AC

■ 5D53AC

■ 6C64AC

■ 7B75AC

■ 8B86AC

■ 9A98AC

■ A9A9AC

Harmonies

Analogous

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



0040C9



200EAC



8C0070

Triad

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



200EAC



6D1100



004B43

Complementary

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



200EAC



9AAC0E

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.



004800



200EAC



363800

Square

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



200EAC



930000



004400



004C8A

Rectangle

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



200EAC



A00042



004400



004A2A

Sweetspot

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



200EAC



A9A2E0



0E9CAC



4E4A70



F0F0F0



707070

Same Dimension

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



200EAC



1A00E0



6D0EAC



4F4E57



110096



030017

Inverse Universe

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



AC0E9A



E000C7



4DAC0E



574E56



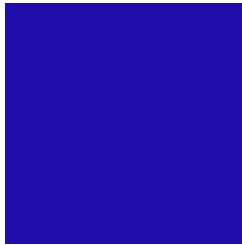
960085



170014

Previews

White Background



This preview shows how the Hex color 200EAC looks on a white background.

Color Contrast Check

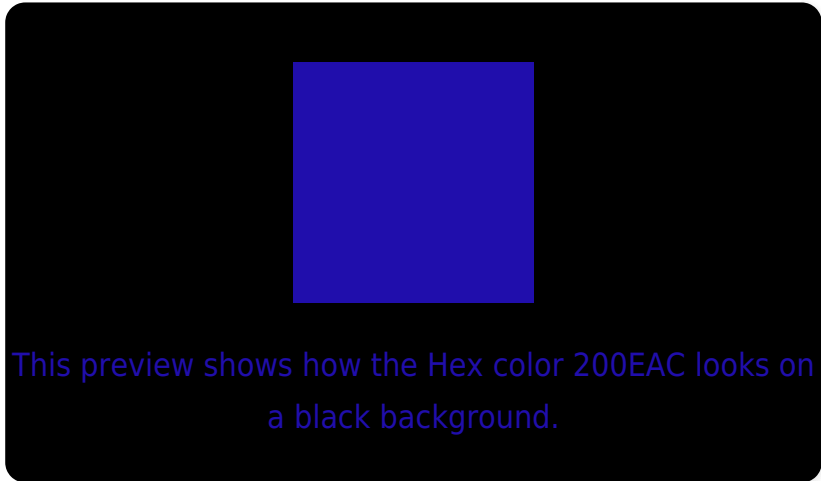
Large Text (above 18pt) WCAG AA ✓ Pass

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

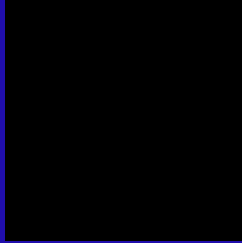
Any Text WCAG AA × Fail

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 200EAC Background



This preview shows how black text looks on a background with the Hex color 200EAC.



This preview shows how white text looks on a background with the Hex color 200EAC.

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
200EAC

Protanopia
00356F

Deuteranopia
00385E

Trichromacy



Original Color
200EAC

Protanomaly
0C2785

Deuteranomaly
0C297A

Monochromacy



Original Color
200EAC

Achromatopsia
252525

Achromatomaly
231D56

CSS Examples

Text

The CSS property to change the color of the text to Hex 200EAC 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 #200EAC looks like.

```
.text, #text, p{  
    color:#200EAC  
}
```

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 #200EAC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #200EAC }  
}
```

Border

The CSS property to change the border of an element to Hex 200EAC 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".

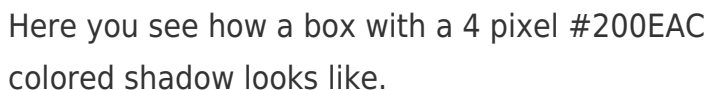
```
.border, #border, table{ border:4px solid #200EAC }  
}
```

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

```
.border{ border-color:#200EAC }
```

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

Here you see how a box with a 4 pixel #200EAC colored shadow looks like.

A rectangular box with a thick blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #200EAC; -webkit-box-shadow:4px 4px  
4px 4px #200EAC; box-shadow:4px 4px 4px  
4px #200EAC }
```

Background

The CSS property to change the background color of an element to Hex 200EAC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#200EAC }
```

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

```
.background{ background-color:#200EAC }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor