

Converting Colors

Hex(C20A8D)

Have a look what the booklet for
Hex(C20A8D) contains.

Hex(C20A8D)	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(C20A8D)

Conversions

Conversions Part 1

Format	Color
Hex	C20A8D
RGB	194, 10, 141
RGB Percent	76%, 4%, 55%
CMY	0.2392, 0.9608, 0.4471
CMYK	0.00, 0.95, 0.27, 0.24
HSL	317°, 90%, 40%
HSV	317°, 95%, 76%
XYZ	27.1644, 13.6095, 26.3945
YIQ	79.9500, 67.6130, 79.7490

Conversions

Conversions Part 2

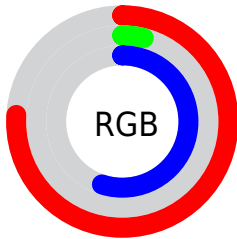
Format	Color
RYB	194, 10, 141
Decimal	12716685
CIELab	43.67, 72.16, -21.83
CIELCh	44, 75.391, 343.169
Yxy	13.6095, 0.4044, 0.2026
Android (android.graphics.Color)	4290906765 (0xFFC20A8D)
YUV	79.9500, 30.0976, 100.0219
Hunter-Lab	36.8911, 66.8775, -16.5965

Details

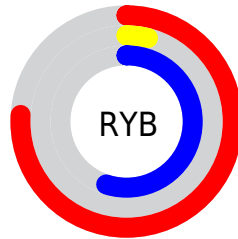
The Hex color **C20A8D** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **0AC23F**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **FF5AC3**, and **87005B** is the 20% darker color. If you saturate the color by 10%, you get **C2008A**, and if you desaturate by 10%, it is **C21D93**.

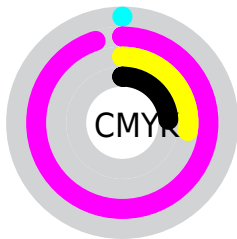
Distribution



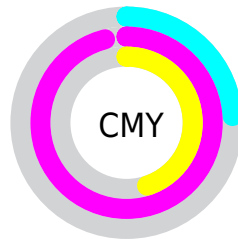
- Red (76%)
- Green (4%)
- Blue (55%)



- Red (76%)
- Yellow (4%)
- Blue (55%)



- Cyan (0%)
- Magenta (95%)
- Yellow (27%)
- Black (24%)



- Cyan (24%)
- Magenta (96%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color C20A8D 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 C20A8D by changing the saturation by 10% instead.

 C20A8D

 C20A8D

FFFFFF

 A40073

 FF5AC3

 87005B

 FF78DF

 6A0043

 FF95FC

 4F002D

 FFB2FF

 330017

 FFD0FF

 050000

 FFE0FF

 000000

 C20A8D

 C20A8D

 C2008A

 C21D93

 C23198

 C2449E

 C258A3

 C26BA9

 C27EAF

 C292B4

 C2A5BA

 C2B9BF

Harmonies

Analogous

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



8946C4



C20A8D



D1004F

Triad

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



C20A8D



656D00



0080BC

Complementary

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



C20A8D



0AC23F

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.



008182



C20A8D



007900

Square

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



C20A8D



9A5700



007F40



0079E1

Rectangle

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



C20A8D



C92026



007F40



0081AB

Sweetspot

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



C20A8D



FCB6E8



3E0AC2



805473



000000



808080

Same Dimension

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



C20A8D



FC00B4



C20A32



61575E



A10072



210018

Inverse Universe

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



C20A8D



FC00B4



0AC29A



61575E



A10072



210018

Previews

White Background



This preview shows how the Hex color C20A8D looks on a white background.

Color Contrast Check

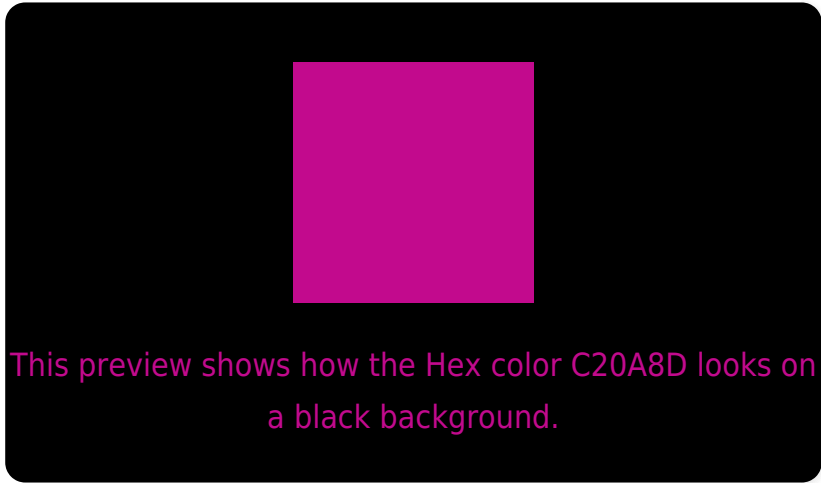
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 C20A8D Background



This preview shows how black text looks on a background with the Hex color C20A8D.

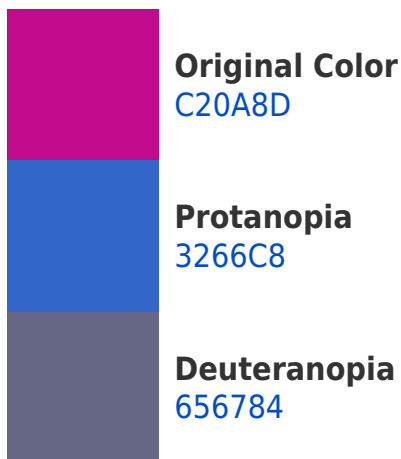


This preview shows how white text looks on a background with the Hex color C20A8D.

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





Tritanopia
BC383B

Trichromacy



Original Color
C20A8D



Protanomaly
6645B3



Deuteranomaly
874587



Tritanomaly
BE2759

Monochromacy



Original Color
C20A8D



Achromatopsia
505050



Achromatomaly
793766

CSS Examples

Text

The CSS property to change the color of the text to Hex C20A8D 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 #C20A8D looks like.

```
.text, #text, p{  
    color:#C20A8D  
}
```

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 #C20A8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C20A8D
}
```

Border

The CSS property to change the border of an element to Hex C20A8D 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
#C20A8D }
```

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

```
.border{ border-color:#C20A8D }
```

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

Here you see how a box with a 4 pixel #C20A8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C20A8D; -webkit-box-shadow:4px 4px  
4px 4px #C20A8D; box-shadow:4px 4px 4px  
4px #C20A8D }
```

Background

The CSS property to change the background color of an element to Hex C20A8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C20A8D }
```

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

```
.background{ background-color:#C20A8D }
```

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