

Converting Colors

Hex(200A22)

Have a look what the booklet for
Hex(200A22) contains.

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Color

Hex(200A22)

Conversions

Conversions Part 1

Format	Color
Hex	200A22
RGB	32, 10, 34
RGB Percent	13%, 4%, 13%
CMY	0.8745, 0.9608, 0.8667
CMYK	0.06, 0.71, 0.00, 0.87
HSL	295°, 55%, 9%
HSV	295°, 71%, 13%
XYZ	0.9929, 0.6397, 1.5845
YIQ	19.3140, 5.4080, 12.1280

Conversions

Conversions Part 2

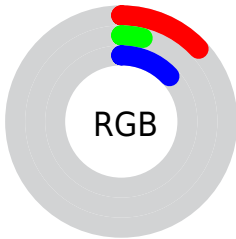
Format	Color
RYB	32, 10, 34
Decimal	2099746
CIELab	5.78, 15.43, -11.28
CIELCh	6, 19.116, 323.835
Yxy	0.6397, 0.3086, 0.1988
Android (android.graphics.Color)	4280289826 (0xFF200A22)
YUV	19.3140, 7.2402, 11.1256
Hunter-Lab	7.9978, 8.1648, -6.1479

Details

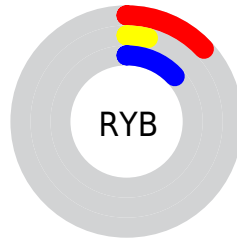
The Hex color **200A22** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **0C220A**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **4C354E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **200722**, and if you desaturate by 10%, it is **200D22**.

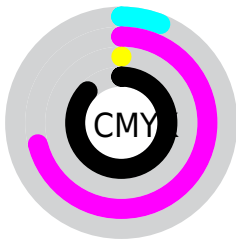
Distribution



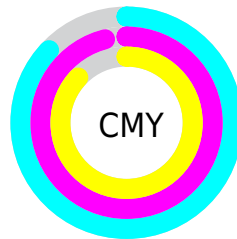
- Red (13%)
- Green (4%)
- Blue (13%)



- Red (13%)
- Yellow (4%)
- Blue (13%)



- Cyan (6%)
- Magenta (71%)
- Yellow (0%)
- Black (87%)



- Cyan (87%)
- Magenta (96%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 200A22 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 200A22 by changing the saturation by 10% instead.


 200A22

 200A22

 FFEAFF

 00000A

 4C354E

 000000

 654C66

 7E647F

 987D99

 B397B4

 CEB2D0

 EBCDEC

 200A22

 200A22

■ 200722

■ 200D22

■ 1F0322

■ 211122

■ 1F0022

■ 211422

■ 211822

■ 211B22

■ 221E22

■ 222222

■ 222522

■ 232922

Harmonies

Analogous

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



0F102A



200A22



280616

Triad

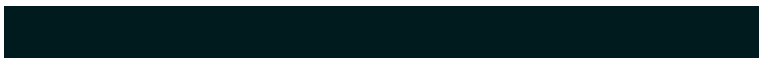
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



200A22



1C1100



001B1D

Complementary

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



200A22



0C220A

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.



001B0F



200A22



0C1600

Square

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



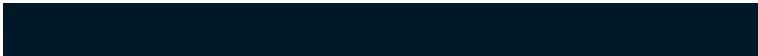
200A22



250B00



001900



001927

Rectangle

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



200A22



2A060B



001900



001B19

Sweetspot

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



200A22



2B222B



0A0C22



161117



969696



171717

Same Dimension

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



200A22



28072B



220A18



121012



4B0052



C000D1

Inverse Universe

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



220A0C



2B070A



0A2214



121010



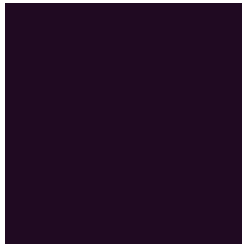
520007



D10011

Previews

White Background



This preview shows how the Hex color 200A22 looks on a white background.

Color Contrast Check

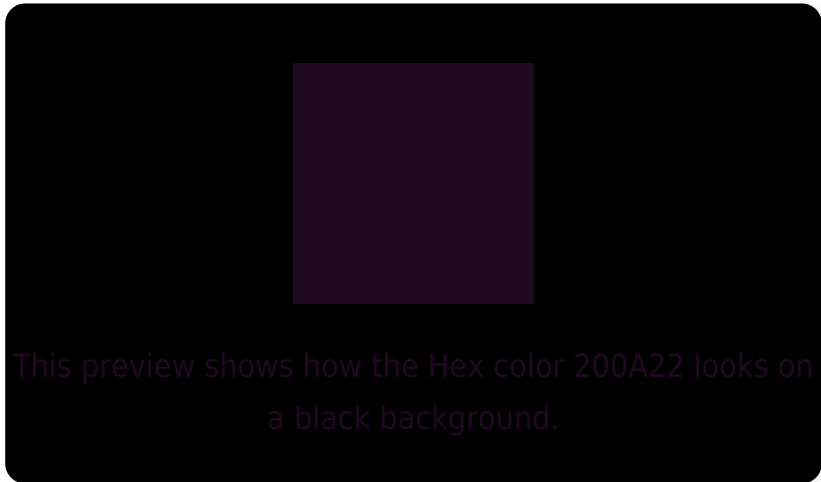
Large Text (above 18pt) WCAG AA ✓ Pass

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

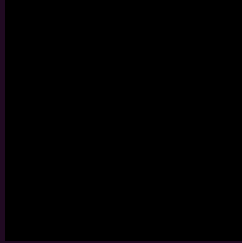
Any Text WCAG AA × Fail

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 200A22 Background



This preview shows how black text looks on a background with the Hex color 200A22.



This preview shows how white text looks on a background with the Hex color 200A22.

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
200A22

Protanopia
001329

Deuteranopia
0D1420



Tritanopia
1E1011

Trichromacy



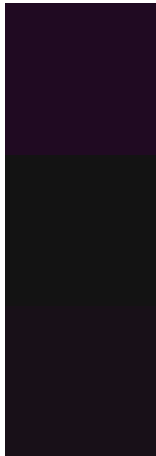
Original Color
200A22

Protanomaly
0C1026

Deuteranomaly
141021

Tritanomaly
1F0E17

Monochromacy



Original Color
200A22

Achromatopsia
131313

Achromatomaly
181018

CSS Examples

Text

The CSS property to change the color of the text to Hex 200A22 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 #200A22 looks like.

```
.text, #text, p{  
  color:#200A22  
}
```

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 #200A22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #200A22
}
```

Border

The CSS property to change the border of an element to Hex 200A22 is called "border". The border property can be set on classes, ids or directly on the HTML element.

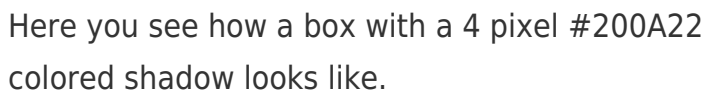
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#200A22 }
```

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

```
.border{ border-color:#200A22 }
```

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



Here you see how a box with a 4 pixel #200A22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #200A22; -webkit-box-shadow:4px 4px  
4px 4px #200A22; box-shadow:4px 4px 4px  
4px #200A22 }
```

Background

The CSS property to change the background color of an element to Hex 200A22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#200A22 }
```

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

```
.background{ background-color:#200A22 }
```

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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