

Converting Colors

Hex(24200A)

Have a look what the booklet for
Hex(24200A) contains.

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Color

Hex(24200A)

Conversions

Conversions Part 1

Format	Color
Hex	24200A
RGB	36, 32, 10
RGB Percent	14%, 13%, 4%
CMY	0.8588, 0.8745, 0.9608
CMYK	0.00, 0.11, 0.72, 0.86
HSL	51°, 57%, 9%
HSV	51°, 72%, 14%
XYZ	1.2989, 1.4300, 0.4947
YIQ	30.6880, 9.4460, -5.9940

Conversions

Conversions Part 2

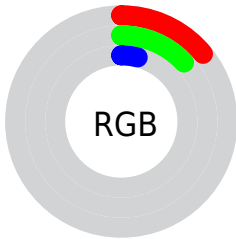
Format	Color
R_{YB}	15, 36, 10
Decimal	2367498
CIE Lab	12.16, -1.82, 13.88
CIE LCh	12, 14.002, 97.480
Yxy	1.4300, 0.4029, 0.4436
Android (android.graphics.Color)	4280557578 (0xFF24200A)
YUV	30.6880, -10.1992, 4.6586
Hunter-Lab	11.9583, -1.5392, 5.9179

Details

The Hex color **24200A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **0A0E24**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **514C36**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **241F06**, and if you desaturate by 10%, it is **24210E**.

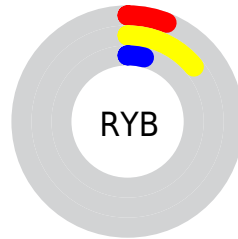
Distribution



Red (14%)

Green (13%)

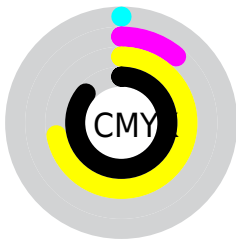
Blue (4%)



Red (6%)

Yellow (14%)

Blue (4%)

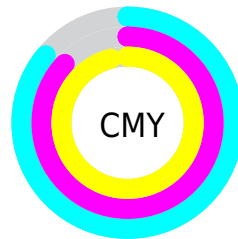


Cyan (0%)

Magenta (11%)

Yellow (72%)

Black (86%)



Cyan (86%)

Magenta (87%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 24200A 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 24200A by changing the saturation by 10% instead.

■ 24200A

■ 24200A

■ FFFFEA

■ 070900

■ 514C36

■ 000000

■ 69644D

■ 837D65

■ 9D967E

■ B8B198

■ D4CCB2

■ F0E9CE

■ 24200A

■ 24200A

■ 241F06

■ 24210E

■ 241F03

■ 242111

■ 241E00

■ 242215

■ 242218

■ 24231C

■ 242320

■ 242423

■ 242427

■ 24252A

Harmonies

Analogous

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



2C1D0D



24200A



19230F

Triad

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



24200A



00242B



2E1927

Complementary

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



24200A



0A0E24

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.



241C2F



24200A



022331

Square

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



24200A



002522



152033



32181E

Rectangle

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



24200A



112415



152033



2B1A2A

Sweetspot

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



24200A



2E2C24



240A0E



171611



969696



171717

Same Dimension

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



24200A



2E2806



1B240A



121210



524500



D1B100

Inverse Universe

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



0A0E24



060C2E



130A24



101012



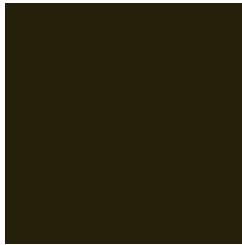
000D52



0020D1

Previews

White Background



This preview shows how the Hex color 24200A 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

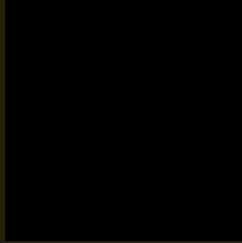
Any Text WCAG AA × Fail

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 24200A Background



This preview shows how black text looks on a background with the Hex color 24200A.

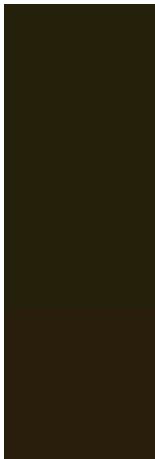


This preview shows how white text looks on a background with the Hex color 24200A.

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
24200A

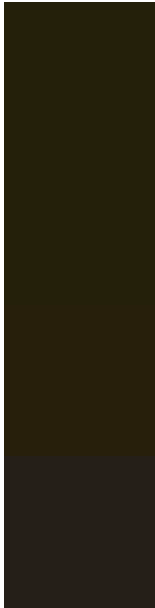
Protanopia
24200A

Deuteranopia
281E0B



Tritanopia
261E20

Trichromacy



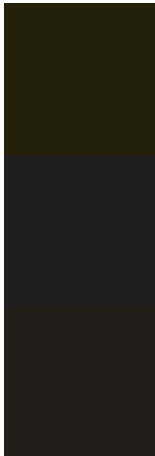
Original Color
24200A

Protanomaly
24200A

Deuteranomaly
271F0B

Tritanomaly
251F18

Monochromacy



Original Color
24200A

Achromatopsia
1F1F1F

Achromatomaly
211F17

CSS Examples

Text

The CSS property to change the color of the text to Hex 24200A 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 #24200A looks like.

```
.text, #text, p{  
    color:#24200A  
}
```

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 #24200A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24200A
}
```

Border

The CSS property to change the border of an element to Hex 24200A is called "border". The border property can be set on classes, ids or directly on the HTML element.

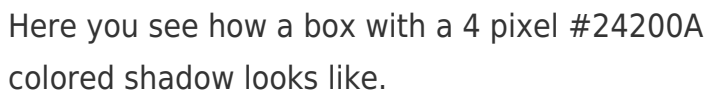
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#24200A }
```

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

```
.border{ border-color:#24200A }
```

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



Here you see how a box with a 4 pixel #24200A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24200A; -webkit-box-shadow:4px 4px  
4px 4px #24200A; box-shadow:4px 4px 4px  
4px #24200A }
```

Background

The CSS property to change the background color of an element to Hex 24200A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24200A }
```

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

```
.background{ background-color:#24200A }
```

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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