

Converting Colors

Hex(210A10)

Have a look what the booklet for
Hex(210A10) contains.

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Color

Hex(210A10)

Conversions

Conversions Part 1

Format	Color
Hex	210A10
RGB	33, 10, 16
RGB Percent	13%, 4%, 6%
CMY	0.8706, 0.9608, 0.9373
CMYK	0.00, 0.70, 0.52, 0.87
HSL	344°, 53%, 8%
HSV	344°, 70%, 13%
XYZ	0.8293, 0.5778, 0.5580
YIQ	17.5610, 11.7820, 6.7420

Conversions

Conversions Part 2

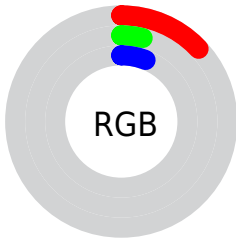
Format	Color
RYB	33, 10, 16
Decimal	2165264
CIELab	5.22, 11.47, 1.02
CIELCh	5, 11.517, 5.067
Yxy	0.5778, 0.4220, 0.2940
Android (android.graphics.Color)	4280355344 (0xFF210A10)
YUV	17.5610, -0.7696, 13.5400
Hunter-Lab	7.6015, 6.1704, 0.9685

Details

The Hex color **210A10** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0A211B**, and the grayscale version is **121212**.

A 20% lighter version of the original color is **4D363B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **21070E**, and if you desaturate by 10%, it is **210D12**.

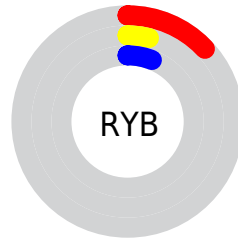
Distribution



Red (13%)

Green (4%)

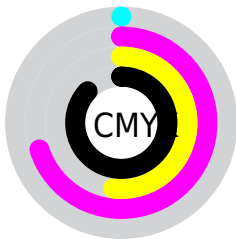
Blue (6%)



Red (13%)

Yellow (4%)

Blue (6%)

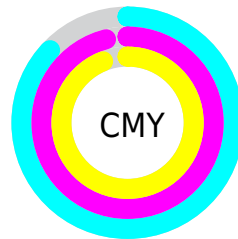


Cyan (0%)

Magenta (70%)

Yellow (52%)

Black (87%)



Cyan (87%)


Magenta (96%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 210A10 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 210A10 by changing the saturation by 10% instead.

 210A10

 210A10

 FFEAF0

 000000

 4D363B

 654C52

 7F646A

 997D83

 B4979D

 CFB2B8

 ECCED3

 210A10

 210A10

■ 21070E

■ 210D12

■ 21030B

■ 211115

■ 210009

■ 211417

■ 21171A

■ 211B1C

■ 211E1F

■ 212121

■ 212424

■ 212826

Harmonies

Analogous

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



1D0B19



210A10



210B03

Triad

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



210A10



0C1400



00151F

Complementary

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



210A10



0A211B

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.



00161A



210A10



001607

Square

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



210A10



161100



001713



071221

Rectangle

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



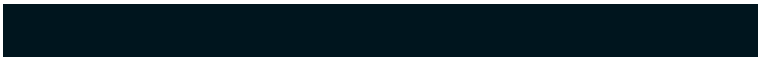
210A10



200D00



001713



00151E

Sweetspot

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



210A10



2B2225



1B0A21



171113



969696



171717

Same Dimension

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



210A10



2B0710



210F0A



0F0E0E



4F0015



CF0036

Inverse Universe

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



210A10



2B0710



0A1C21



0F0E0E



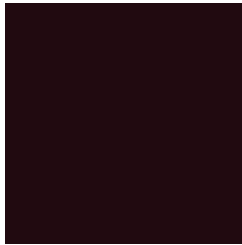
4F0015



CF0036

Previews

White Background



This preview shows how the Hex color 210A10 looks on a white background.

Color Contrast Check

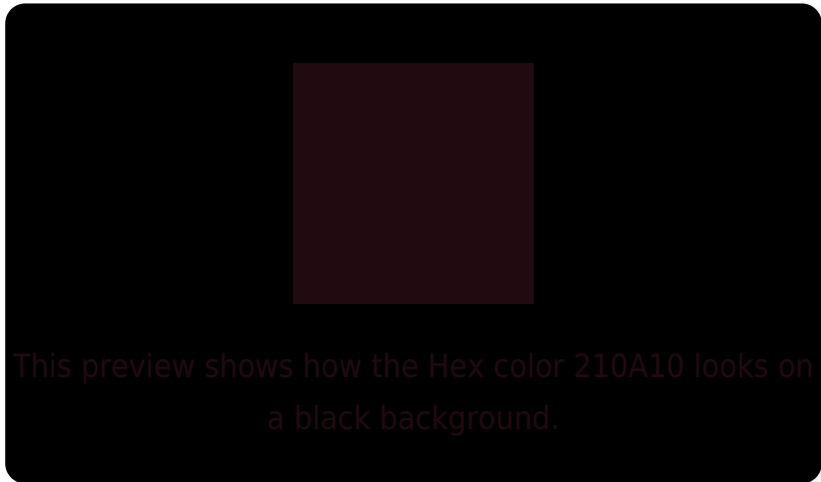
Large Text (above 18pt) WCAG AA ✓ Pass

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

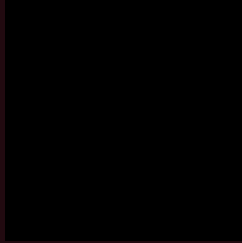
Any Text WCAG AA × Fail

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 210A10 Background



This preview shows how black text looks on a background with the Hex color 210A10.

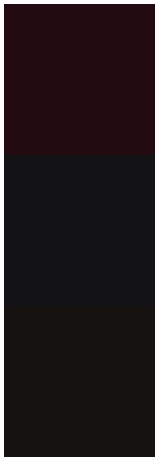


This preview shows how white text looks on a background with the Hex color 210A10.

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

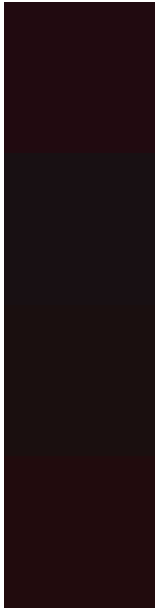


Original Color
210A10

Protanopia
131315

Deuteranopia
16120F

Trichromacy



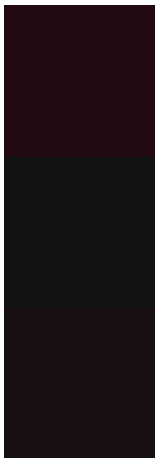
Original Color
210A10

Protanomaly
181013

Deuteranomaly
1A0F0F

Tritanomaly
210B0D

Monochromacy



Original Color
210A10

Achromatopsia
121212

Achromatomaly
170F11

CSS Examples

Text

The CSS property to change the color of the text to Hex 210A10 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 #210A10 looks like.

```
.text, #text, p{  
    color:#210A10  
}
```

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 #210A10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #210A10
}
```

Border

The CSS property to change the border of an element to Hex 210A10 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
#210A10 }
```

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

```
.border{ border-color:#210A10 }
```

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

Here you see how a box with a 4 pixel #210A10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #210A10; -webkit-box-shadow:4px 4px  
4px 4px #210A10; box-shadow:4px 4px 4px  
4px #210A10 }
```

Background

The CSS property to change the background color of an element to Hex 210A10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#210A10 }
```

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

```
.background{ background-color:#210A10 }
```

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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