

# Converting Colors

Hex(210E23)

Have a look what the booklet for  
Hex(210E23) contains.

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# Color

**Hex(210E23)**

# Conversions

## Conversions Part 1

| Format      | Color                    |
|-------------|--------------------------|
| Hex         | 210E23                   |
| RGB         | 33, 14, 35               |
| RGB Percent | 13%, 5%, 14%             |
| CMY         | 0.8706, 0.9451, 0.8627   |
| CMYK        | 0.06, 0.60, 0.00, 0.86   |
| HSL         | 294°, 43%, 10%           |
| HSV         | 294°, 60%, 14%           |
| XYZ         | 1.0876, 0.7588, 1.6792   |
| YIQ         | 22.0750, 4.5830, 10.5590 |

# Conversions

## Conversions Part 2

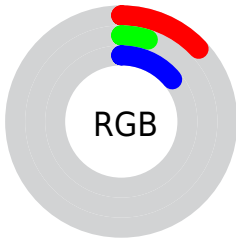
| Format                              | Color                                       |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">33, 14, 35</a>                  |
| Decimal                             | <a href="#">2166307</a>                     |
| CIELab                              | <a href="#">6.85, 14.16, -10.38</a>         |
| CIELCh                              | <a href="#">7, 17.560, 323.765</a>          |
| Yxy                                 | <a href="#">0.7588, 0.3085,<br/>0.2152</a>  |
| Android<br>(android.graphics.Color) | <a href="#">4280356387<br/>(0xFF210E23)</a> |
| YUV                                 | <a href="#">22.0750, 6.3720,<br/>9.5812</a> |
| Hunter-Lab                          | <a href="#">8.7107, 7.0437,<br/>-5.3324</a> |

# Details

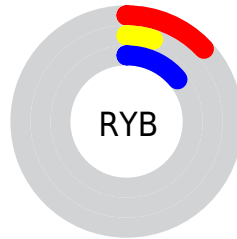
The Hex color **210E23** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **10230E**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **4E384F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **210B23**, and if you desaturate by 10%, it is **211123**.

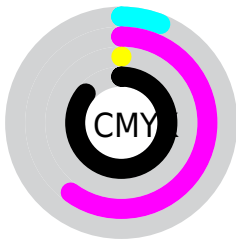
# Distribution



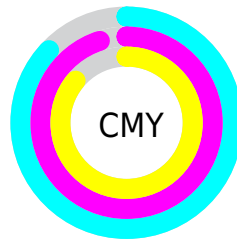
- Red (13%)
- Green (5%)
- Blue (14%)



- Red (13%)
- Yellow (5%)
- Blue (14%)



- Cyan (6%)
- Magenta (60%)
- Yellow (0%)
- Black (86%)



- Cyan (87%)
- Magenta (95%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 210E23 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 210E23 by changing the saturation by 10% instead.



 210E23

 210E23

 FFEEFF

 00000C

 4E384F

 000000

 664F68

 7F6881

 99819B

 B49BB6

 D0B6D1

 ECD1ED

 210E23

 210E23

■ 210B23

■ 211123

■ 200723

■ 221523

■ 200323

■ 221923

■ 200023

■ 221C23

■ 232023

■ 232323

■ 232723

■ 242A23

■ 242E23

# Harmonies

## Analogous

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



11132A



210E23



290A18

# Triad

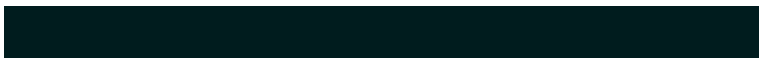
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



210E23



1E1400



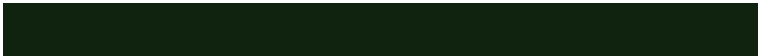
001C1E

# Complementary

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



210E23



10230E

# 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.



001C12



210E23



121800

# Square

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



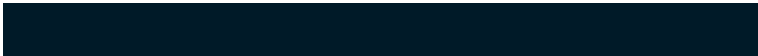
210E23



270F00



001A00



001A28

# Rectangle

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



210E23



2B0A0F



001A00



001C1A



# Sweetspot

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



210E23



2D262E



0E1023



161217



969696



171717



# Same Dimension

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



210E23



2B0D2E



230E1B



121012



4A0052



BD00D1



# Inverse Universe

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



230E10



2E0D10



0E2316



121010



520008

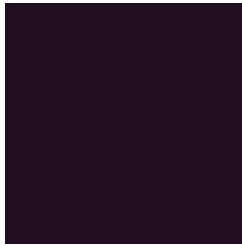


D10014



# Previews

## White Background



This preview shows how the Hex color 210E23 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

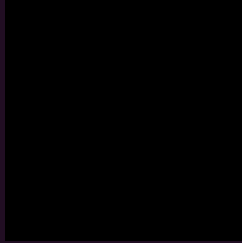
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 210E23 Background



This preview shows how black text looks on a background with the Hex color 210E23.



This preview shows how white text looks on a background with the Hex color 210E23.

# 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**  
210E23

**Protanopia**  
0B152A

**Deuteranopia**  
101622



**Tritanopia**  
1F1214

# Trichromacy



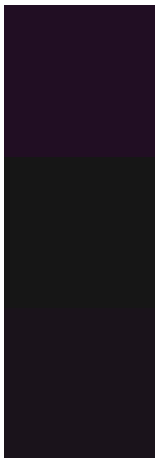
**Original Color**  
210E23

**Protanomaly**  
131227

**Deuteranomaly**  
161322

**Tritanomaly**  
201119

# Monochromacy



**Original Color**  
210E23

**Achromatopsia**  
161616

**Achromatomaly**  
1A131B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 210E23 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 #210E23 looks like.

```
.text, #text, p{  
    color:#210E23  
}
```

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 #210E23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #210E23
}
```

## Border

The CSS property to change the border of an element to Hex 210E23 is called "border". The border property can be set on classes, ids or directly on the HTML element.

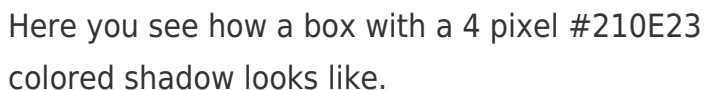
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#210E23 }
```

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

```
.border{ border-color:#210E23 }
```

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



Here you see how a box with a 4 pixel #210E23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #210E23; -webkit-box-shadow:4px 4px  
4px 4px #210E23; box-shadow:4px 4px 4px  
4px #210E23 }
```

# Background

The CSS property to change the background color of an element to Hex 210E23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#210E23 }
```

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

```
.background{ background-color:#210E23 }
```

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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