

# Converting Colors

Hex(210E20)

Have a look what the booklet for  
Hex(210E20) contains.

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# Color

**Hex(210E20)**

# Conversions

## Conversions Part 1

Format	Color
Hex	210E20
RGB	33, 14, 32
RGB Percent	13%, 5%, 13%
CMY	0.8706, 0.9451, 0.8745
CMYK	0.00, 0.58, 0.03, 0.87
HSL	303°, 40%, 9%
HSV	303°, 58%, 13%
XYZ	1.0449, 0.7417, 1.4546
YIQ	21.7330, 5.5460, 9.6260

# Conversions

## Conversions Part 2

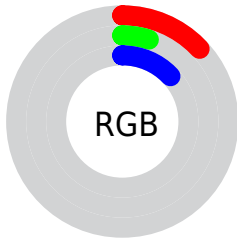
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	33, 14, 32
Decimal	2166304
CIE Lab	6.70, 13.34, -8.32
CIE LCh	7, 15.717, 328.045
Yxy	0.7417, 0.3224, 0.2288
Android (android.graphics.Color)	4280356384 (0xFF210E20)
YUV	21.7330, 5.0616, 9.8812
Hunter-Lab	8.6122, 6.5868, -3.9855

# Details

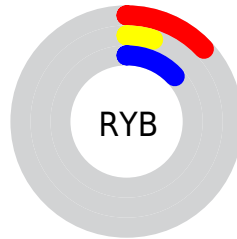
The Hex color **210E20** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0E210F**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **4E384C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **210B20**, and if you desaturate by 10%, it is **211120**.

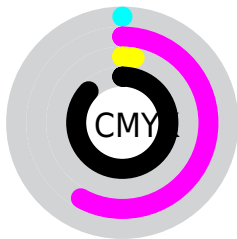
# Distribution



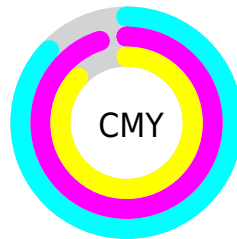
- Red (13%)
- Green (5%)
- Blue (13%)



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



- Cyan (0%)
- Magenta (58%)
- Yellow (3%)
- Black (87%)




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

# Brightness & Saturation Gradients

These gradients show how the Hex color 210E20 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 210E20 by changing the saturation by 10% instead.



 210E20

 210E20

 FFEEFF

 000006

 4E384C

 000000

 664F64

 7F687D

 998197

 B49BB1

 D0B6CD

 ECD1E9

 210E20

 210E20

■ 210B20

■ 211120

■ 210720

■ 211520

■ 21041F

■ 211821

■ 21011F

■ 211B21

■ 21001F

■ 211F21

■ 212221

■ 212521

■ 212821

■ 212C22

# Harmonies

## Analogous

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



141227



210E20



270B16

# Triad

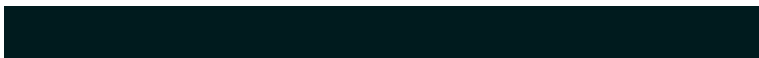
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



210E20



1C1400



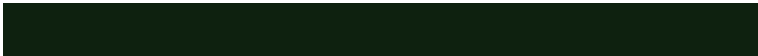
001B1E

# Complementary

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



210E20



0E210F

# 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.



001B14



210E20



111700

# Square

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



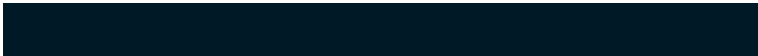
210E20



251000



001A04



001926

# Rectangle

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



210E20



280C0D



001A04



001B1B



# Sweetspot

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



210E20



2B242B



0F0E21



171217



969696



171717



# Same Dimension

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



210E20



2B0D2A



210E17



0F0E0F



4F004B



CF00C4



# Inverse Universe

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



210E20



2B0D2A



0E2118



0F0E0F



4F004B

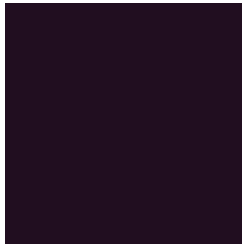


CF00C4



# Previews

## White Background



This preview shows how the Hex color 210E20 looks on a white background.

## Color Contrast Check

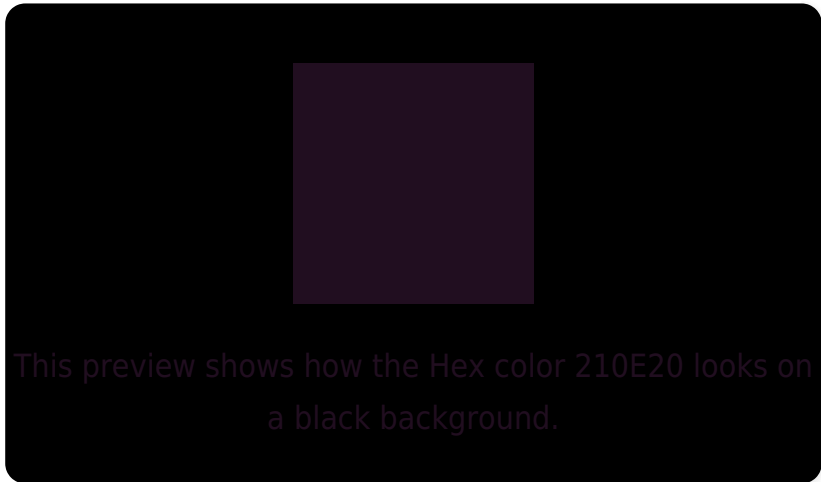
Large Text (above 18pt) WCAG AA ✓ Pass

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

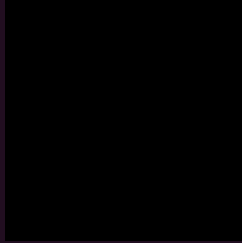
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 210E20 Background



This preview shows how black text looks on a background with the Hex color 210E20.



This preview shows how white text looks on a background with the Hex color 210E20.

# 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**  
210E20

**Protanopia**  
0E1526

**Deuteranopia**  
12151F



**Tritanopia**  
1F1213

# Trichromacy



**Original Color**

210E20

**Protanomaly**

151224

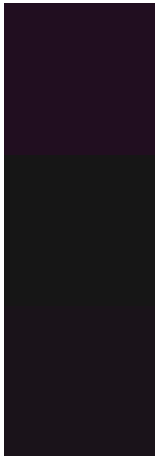
**Deuteranomaly**

17121F

**Tritanomaly**

201118

# Monochromacy



**Original Color**

210E20

**Achromatopsia**

161616

**Achromatomaly**

1A131A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 210E20 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 #210E20 looks like.

```
.text, #text, p{  
    color:#210E20  
}
```

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 #210E20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #210E20
}
```

## Border

The CSS property to change the border of an element to Hex 210E20 is called "border". The border property can be set on classes, ids or directly on the HTML element.

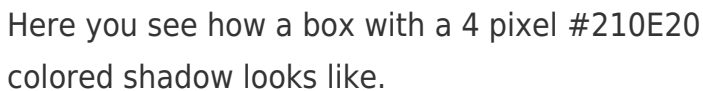
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#210E20 }
```

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

```
.border{ border-color:#210E20 }
```

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



Here you see how a box with a 4 pixel #210E20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #210E20; -webkit-box-shadow:4px 4px  
4px 4px #210E20; box-shadow:4px 4px 4px  
4px #210E20 }
```

# Background

The CSS property to change the background color of an element to Hex 210E20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#210E20 }
```

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

```
.background{ background-color:#210E20 }
```

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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