

Converting Colors

Hex(210E09)

Have a look what the booklet for
Hex(210E09) contains.

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Color

Hex(210E09)

Conversions

Conversions Part 1

Format	Color
Hex	210E09
RGB	33, 14, 9
RGB Percent	13%, 5%, 4%
CMY	0.8706, 0.9451, 0.9647
CMYK	0.00, 0.58, 0.73, 0.87
HSL	12°, 57%, 8%
HSV	12°, 73%, 13%
XYZ	0.8335, 0.6571, 0.3414
YIQ	19.1110, 12.9290, 2.4730

Conversions

Conversions Part 2

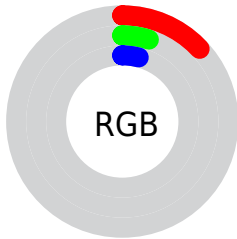
Format	Color
RYB	33, 15, 9
Decimal	2166281
CIELab	5.94, 8.56, 5.35
CIElCh	6, 10.095, 32.014
Yxy	0.6571, 0.4550, 0.3587
Android (android.graphics.Color)	4280356361 (0xFF210E09)
YUV	19.1110, -4.9847, 12.1807
Hunter-Lab	8.1064, 4.1683, 3.1778

Details

The Hex color **210E09** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **091C21**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **4D3936**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **210B06**, and if you desaturate by 10%, it is **21110C**.

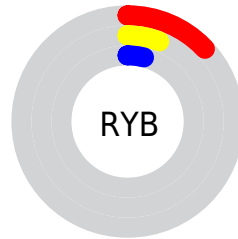
Distribution



Red (13%)

Green (5%)

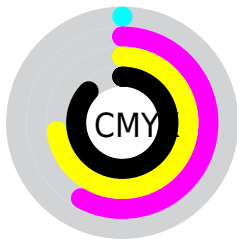
Blue (4%)



Red (13%)

Yellow (6%)

Blue (4%)

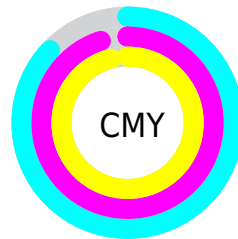


Cyan (0%)

Magenta (58%)

Yellow (73%)

Black (87%)



Cyan (87%)

Magenta (95%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 210E09 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 210E09 by changing the saturation by 10% instead.

■ 210E09

■ 210E09

■ FFEDE9

■ 000000

■ 4D3936

■ 65504C

■ 7F6864

■ 99817D

■ B49B97

■ CFB6B2

■ ECD1CD

■ 210E09

■ 210E09

■ 210B06

■ 21110C

■ 210902

■ 211310

■ 210700

■ 211613

■ 211816

■ 211B1A

■ 211E1D

■ 212020

■ 212323

■ 212627

Harmonies

Analogous

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



200D13



210E09



1F1000

Triad

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



210E09



04170A



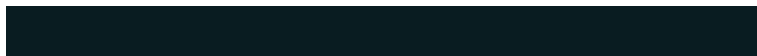
0A1421

Complementary

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



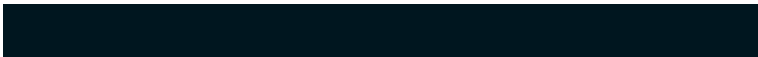
210E09



091C21

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.



00161F



210E09



001813

Square

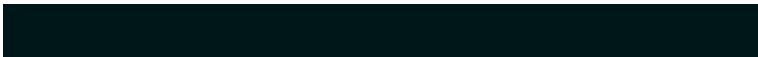
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



210E09



101501



00171A



15111F

Rectangle

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



210E09



1B1200



00171A



051420

Sweetspot

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



210E09



2B2422



21091C



171211



969696



171717

Same Dimension

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



210E09



2B0D06



211A09



0F0E0E



4F1000



CF2B00

Inverse Universe

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



091C21



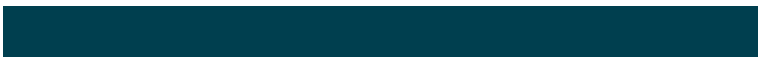
06232B



091021



0E0F0F



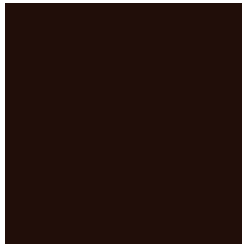
003F4F



00A4CF

Previews

White Background



This preview shows how the Hex color 210E09 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

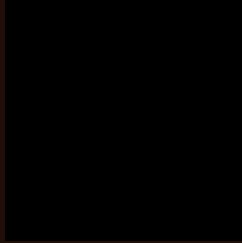
Any Text WCAG AA × Fail

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 210E09 Background



This preview shows how black text looks on a background with the Hex color 210E09.



This preview shows how white text looks on a background with the Hex color 210E09.

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
210E09

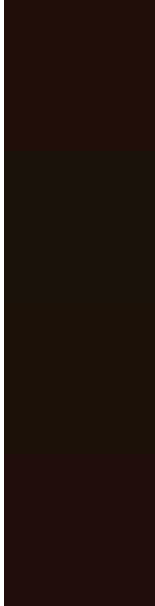
Protanopia
16140B

Deuteranopia
191308



Tritanopia
210D0E

Trichromacy



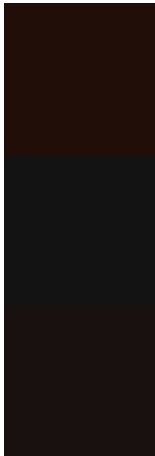
Original Color
210E09

Protanomaly
1A120A

Deuteranomaly
1C1108

Tritanomaly
210D0C

Monochromacy



Original Color
210E09

Achromatopsia
131313

Achromatomaly
18110F

CSS Examples

Text

The CSS property to change the color of the text to Hex 210E09 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 #210E09 looks like.

```
.text, #text, p{  
    color:#210E09  
}
```

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 #210E09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #210E09
}
```

Border

The CSS property to change the border of an element to Hex 210E09 is called "border". The border property can be set on classes, ids or directly on the HTML element.

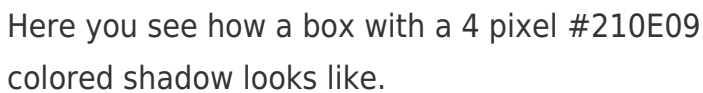
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#210E09 }
```

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

```
.border{ border-color:#210E09 }
```

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



Here you see how a box with a 4 pixel #210E09 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #210E09; -webkit-box-shadow:4px 4px  
4px 4px #210E09; box-shadow:4px 4px 4px  
4px #210E09 }
```

Background

The CSS property to change the background color of an element to Hex 210E09 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#210E09 }
```

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

```
.background{ background-color:#210E09 }
```

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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