

Converting Colors

Hex(242107)

Have a look what the booklet for
Hex(242107) contains.

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Color

Hex(242107)

Conversions

Conversions Part 1

Format	Color
Hex	242107
RGB	36, 33, 7
RGB Percent	14%, 13%, 3%
CMY	0.8588, 0.8706, 0.9725
CMYK	0.00, 0.08, 0.81, 0.86
HSL	54°, 67%, 8%
HSV	54°, 81%, 14%
XYZ	1.3098, 1.4781, 0.4173
YIQ	30.9330, 10.1340, -7.4500

Conversions

Conversions Part 2

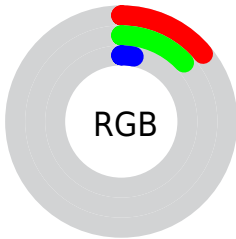
Format	Color
R_{YB}	10, 36, 7
Decimal	2367751
CIE Lab	12.47, -2.84, 15.53
CIE LCh	12, 15.785, 100.347
Yxy	1.4781, 0.4086, 0.4612
Android (android.graphics.Color)	4280557831 (0xFF242107)
YUV	30.9330, -11.7990, 4.4438
Hunter-Lab	12.1578, -2.0463, 6.4755

Details

The Hex color **242107** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **070A24**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **514D34**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **242103**, and if you desaturate by 10%, it is **24210B**.

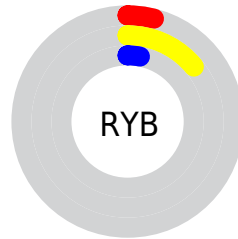
Distribution



Red (14%)

Green (13%)

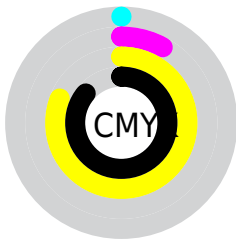
Blue (3%)



Red (4%)

Yellow (14%)

Blue (3%)

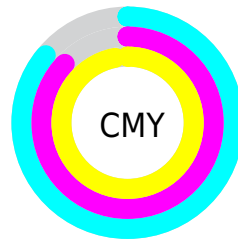


Cyan (0%)

Magenta (8%)

Yellow (81%)

Black (86%)



Cyan (86%)

Magenta (87%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 242107 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 242107 by changing the saturation by 10% instead.

 242107

 242107

 FFFFE8

 070B00

 514D34

 000000

 69654B

 837E63

 9D987C

 B8B295

 D4CEB0

 F0EACC

 242107

 242107

■ 242103

■ 24210B

■ 242000

■ 24220E

■ 242212

■ 242215

■ 242319

■ 24231D

■ 242420

■ 242424

■ 242427

Harmonies

Analogous

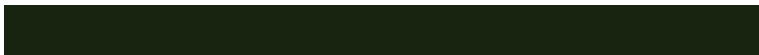
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



2D1D09



242107



18240F

Triad

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



242107



00252E



311928

Complementary

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



242107



070A24

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.



261C31



242107



002435

Square

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



242107



002624



152036



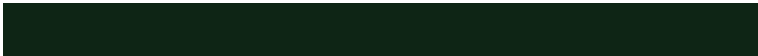
35171D

Rectangle

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



242107



0E2515



152036



2E1A2B

Sweetspot

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



242107



2E2D23



24070A



171610



969696



171717

Same Dimension

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



242107



2E2901



192407



121210



524900



D1BB00

Inverse Universe

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



070A24



01062E



120724



101012



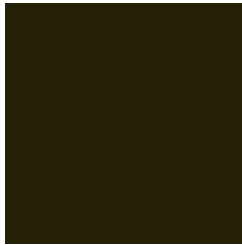
000852



0016D1

Previews

White Background



This preview shows how the Hex color 242107 looks on a white background.

Color Contrast Check

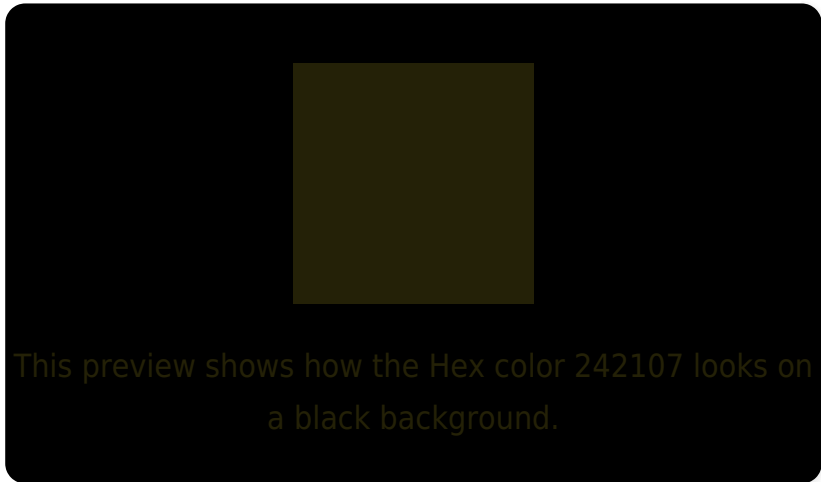
Large Text (above 18pt) WCAG AA ✓ Pass

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

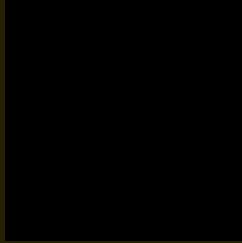
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

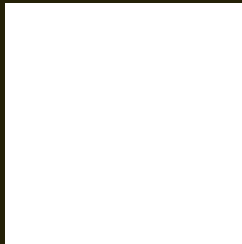
Any Text WCAG AAA × Fail

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

Hex 242107 Background



This preview shows how black text looks on a background with the Hex color 242107.

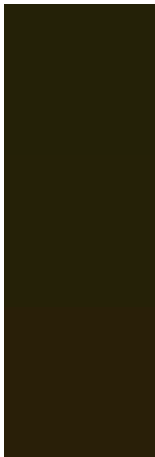


This preview shows how white text looks on a background with the Hex color 242107.

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
242107

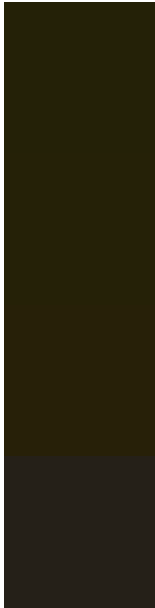
Protanopia
252107

Deuteranopia
291F08



Tritanopia
261F21

Trichromacy



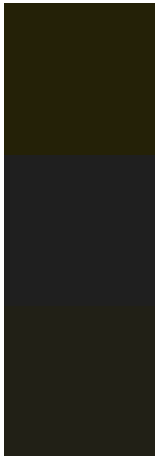
Original Color
242107

Protanomaly
252107

Deuteranomaly
272008

Tritanomaly
252018

Monochromacy



Original Color
242107

Achromatopsia
1F1F1F

Achromatomaly
212016

CSS Examples

Text

The CSS property to change the color of the text to Hex 242107 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 #242107 looks like.

```
.text, #text, p{  
    color:#242107  
}
```

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 #242107 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #242107  
}
```

Border

The CSS property to change the border of an element to Hex 242107 is called "border". The border property can be set on classes, ids or directly on the HTML element.

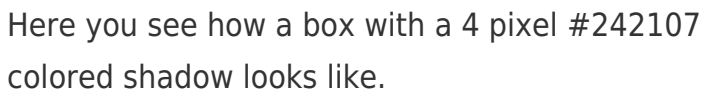
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#242107 }
```

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

```
.border{ border-color:#242107 }
```

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



Here you see how a box with a 4 pixel #242107 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #242107; -webkit-box-shadow:4px 4px  
4px 4px #242107; box-shadow:4px 4px 4px  
4px #242107 }
```

Background

The CSS property to change the background color of an element to Hex 242107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#242107 }
```

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

```
.background{ background-color:#242107 }
```

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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