

Converting Colors

Hex(242111)

Have a look what the booklet for
Hex(242111) contains.

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Color

Hex(242111)

Conversions

Conversions Part 1

Format	Color
Hex	242111
RGB	36, 33, 17
RGB Percent	14%, 13%, 7%
CMY	0.8588, 0.8706, 0.9333
CMYK	0.00, 0.08, 0.53, 0.86
HSL	51°, 36%, 10%
HSV	51°, 53%, 14%
XYZ	1.3726, 1.5033, 0.7481
YIQ	32.0730, 6.9240, -4.3400

Conversions

Conversions Part 2

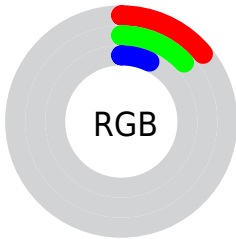
Format	Color
R_{YB}	21, 36, 17
Decimal	2367761
CIE Lab	12.63, -1.64, 11.07
CIE LCh	13, 11.194, 98.424
Yxy	1.5033, 0.3788, 0.4148
Android (android.graphics.Color)	4280557841 (0xFF242111)
YUV	32.0730, -7.4310, 3.4440
Hunter-Lab	12.2607, -1.4732, 4.9647

Details

The Hex color **242111** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **111424**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **514D3B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **24200D**, and if you desaturate by 10%, it is **242215**.

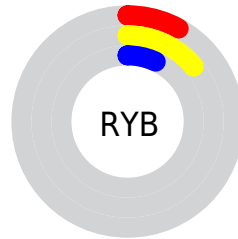
Distribution



Red (14%)

Green (13%)

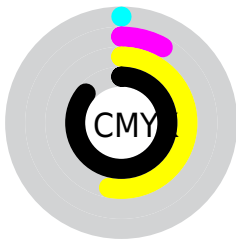
Blue (7%)



Red (8%)

Yellow (14%)

Blue (7%)

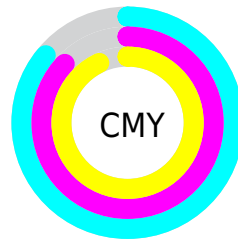


Cyan (0%)

Magenta (8%)

Yellow (53%)

Black (86%)



Cyan (86%)

Magenta (87%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 242111 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 242111 by changing the saturation by 10% instead.

■ 242111

■ 242111

■ FFFFF1

■ 0B0A00

■ 514D3B

■ 000000

■ 696552

■ 837E6B

■ 9D9884

■ B8B29E

■ D3CEB9

■ F0EAD5

■ 242111

■ 242111

■ 24200D

■ 242215

■ 24200A

■ 242218

■ 241F06

■ 24231C

■ 241F03

■ 24231F

■ 241E00

■ 242423

■ 242427

■ 24252A

■ 24262E

■ 242631

Harmonies

Analogous

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



2B1E12



242111



1B2314

Triad

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



242111



06252A



2C1C27

Complementary

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



242111



111424

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.



251E2D



242111



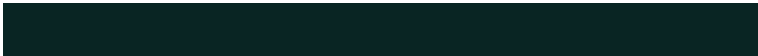
0E232F

Square

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



242111



092523



1A2130



301B1F

Rectangle

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



242111



152418



1A2130



2A1C29

Sweetspot

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



242111



2E2D27



241114



171613



969696



171717

Same Dimension

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



242111



2E2911



1E2411



121210



524500



D1B000

Inverse Universe

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



111424



11162E



171124



101012



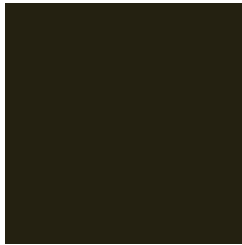
000D52



0021D1

Previews

White Background



This preview shows how the Hex color 242111 looks on a white background.

Color Contrast Check

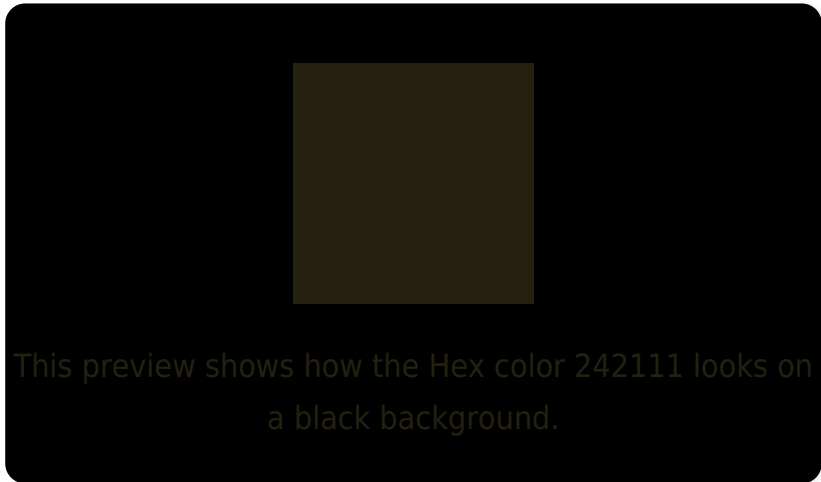
Large Text (above 18pt) WCAG AA ✓ Pass

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

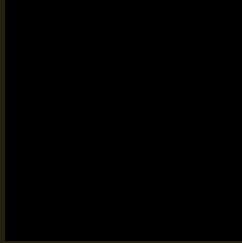
Any Text WCAG AA × Fail

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 242111 Background



This preview shows how black text looks on a background with the Hex color 242111.

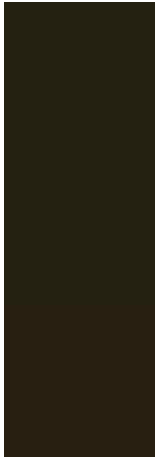


This preview shows how white text looks on a background with the Hex color 242111.

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
242111

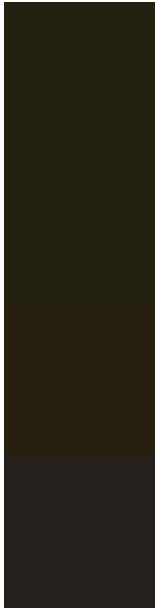
Protanopia
242111

Deuteranopia
281F11



Tritanopia
261F22

Trichromacy



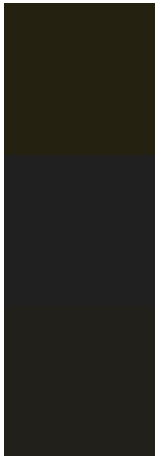
Original Color
242111

Protanomaly
242111

Deuteranomaly
272011

Tritanomaly
25201C

Monochromacy



Original Color
242111

Achromatopsia
202020

Achromatomaly
21201B

CSS Examples

Text

The CSS property to change the color of the text to Hex 242111 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 #242111 looks like.

```
.text, #text, p{  
    color:#242111  
}
```

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 #242111 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #242111
}
```

Border

The CSS property to change the border of an element to Hex 242111 is called "border". The border property can be set on classes, ids or directly on the HTML element.

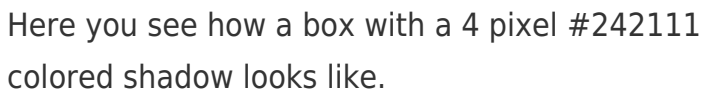
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#242111 }
```

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

```
.border{ border-color:#242111 }
```

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



Here you see how a box with a 4 pixel #242111 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #242111; -webkit-box-shadow:4px 4px  
4px 4px #242111; box-shadow:4px 4px 4px  
4px #242111 }
```

Background

The CSS property to change the background color of an element to Hex 242111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#242111 }
```

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

```
.background{ background-color:#242111 }
```

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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