

# Converting Colors

Hex(262A12)

Have a look what the booklet for  
Hex(262A12) contains.

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# Color

**Hex(262A12)**

# Conversions

## Conversions Part 1

Format	Color
Hex	262A12
RGB	38, 42, 18
RGB Percent	15%, 16%, 7%
CMY	0.8510, 0.8353, 0.9294
CMYK	0.10, 0.00, 0.57, 0.84
HSL	70°, 40%, 12%
HSV	70°, 57%, 16%
XYZ	1.7365, 2.1117, 0.8883
YIQ	38.0680, 5.3200, -8.3120

# Conversions

## Conversions Part 2

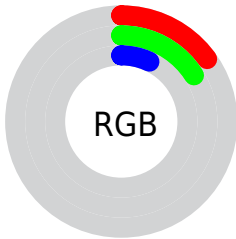
<b>Format</b>	<b>Color</b>
<b>RYB</b>	18, 42, 22
Decimal	2501138
CIELab	16.06, -6.51, 14.99
CIElCh	16, 16.342, 113.488
Yxy	2.1117, 0.3666, 0.4458
Android (android.graphics.Color)	4280691218 (0xFF262A12)
YUV	38.0680, -9.8935, -0.0596
Hunter-Lab	14.5316, -4.1001, 6.5476

# Details

The Hex color **262A12** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **16122A**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **53573D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **252A0E**, and if you desaturate by 10%, it is **272A16**.

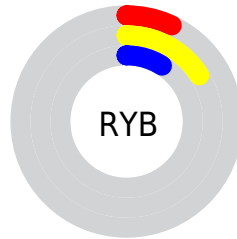
# Distribution



Red (15%)

Green (16%)

Blue (7%)



Red (7%)

Yellow (16%)

Blue (9%)

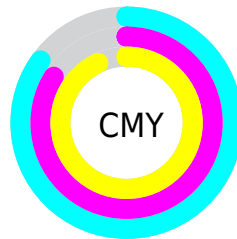


Cyan (10%)

Magenta (0%)

Yellow (57%)

Black (84%)



Cyan (85%)

Magenta (84%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 262A12 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 262A12 by changing the saturation by 10% instead.





262A12



262A12



FFFFFF3



101600



53573D



000000



6C7054



85896C



A0A386



BBBEA0



D6DABB



F3F7D7



262A12



262A12

■ 252A0E

■ 272A16

■ 252A0A

■ 272A1A

■ 242A05

■ 282A1F

■ 232A01

■ 292A23

■ 232A00

■ 292A27

■ 2A2A2B

■ 2B2A2F

■ 2C2A34

■ 2C2A38

# Harmonies

## Analogous

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



312610



262A12



182D1A

# Triad

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



262A12



002D3A



3C1F2B

# Complementary

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



262A12



16122A

# 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.



342236



262A12



102A3F

# Square

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



262A12



002E31



25263D



3E1F1F

# Rectangle

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



262A12



0D2E21



25263D



3A1F2F



# Sweetspot

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



262A12



34362C



2A1612



1B1C16



9C9C9C



1C1C1C



# Same Dimension

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



262A12



2F3611



1A2A12



141412



465400



B0D400



# Inverse Universe

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



16122A



171136



22122A



131214



0E0054

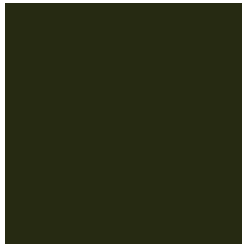


2300D4



# Previews

## White Background



This preview shows how the Hex color 262A12 looks on a white background.

## Color Contrast Check

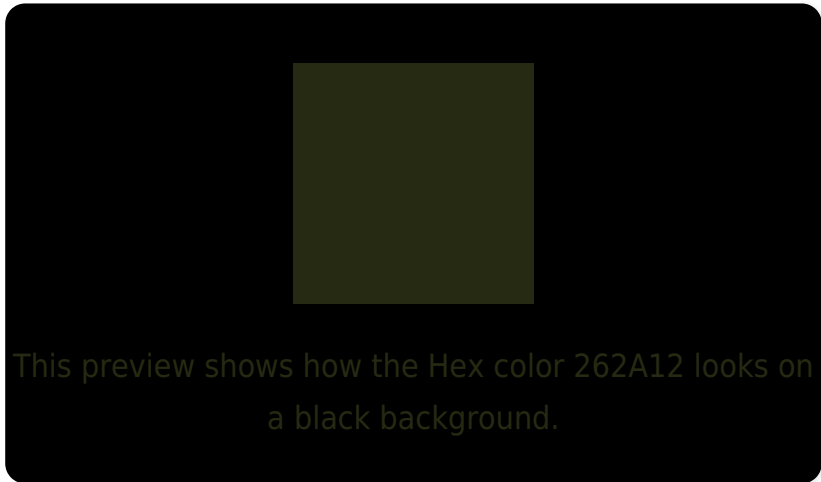
Large Text (above 18pt) WCAG AA ✓ Pass

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

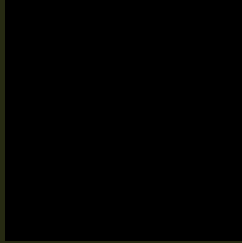
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

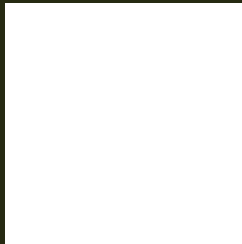
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 262A12 Background



This preview shows how black text looks on a background with the Hex color 262A12.

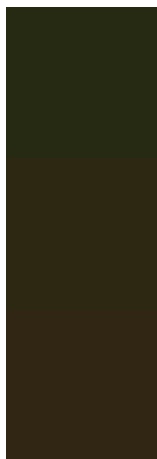


This preview shows how white text looks on a background with the Hex color 262A12.

# 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**

[262A12](#)

**Protanopia**

[2C2811](#)

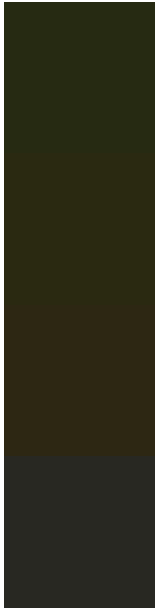
**Deuteranopia**

[312613](#)



**Tritanopia**  
29272B

# Trichromacy



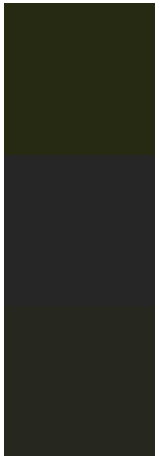
**Original Color**  
262A12

**Protanomaly**  
2A2911

**Deuteranomaly**  
2D2713

**Tritanomaly**  
282822

# Monochromacy



**Original Color**  
262A12

**Achromatopsia**  
262626

**Achromatomaly**  
26271F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 262A12 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 #262A12 looks like.

```
.text, #text, p{  
    color:#262A12  
}
```

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 #262A12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #262A12
}
```

## Border

The CSS property to change the border of an element to Hex 262A12 is called "border". The border property can be set on classes, ids or directly on the HTML element.

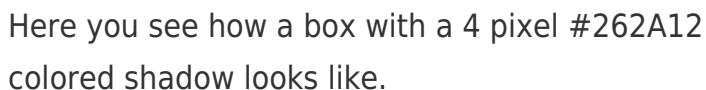
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#262A12 }
```

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

```
.border{ border-color:#262A12 }
```

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



Here you see how a box with a 4 pixel #262A12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #262A12; -webkit-box-shadow:4px 4px  
4px 4px #262A12; box-shadow:4px 4px 4px  
4px #262A12 }
```

# Background

The CSS property to change the background color of an element to Hex 262A12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#262A12 }
```

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

```
.background{ background-color:#262A12 }
```

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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