

Converting Colors

Hex(212D04)

Have a look what the booklet for
Hex(212D04) contains.

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Color

Hex(212D04)

Conversions

Conversions Part 1

Format	Color
Hex	212D04
RGB	33, 45, 4
RGB Percent	13%, 18%, 2%
CMY	0.8706, 0.8235, 0.9843
CMYK	0.27, 0.00, 0.91, 0.82
HSL	78°, 84%, 10%
HSV	78°, 91%, 18%
XYZ	1.5875, 2.2089, 0.4575
YIQ	36.7380, 6.0090, -15.2950

Conversions

Conversions Part 2

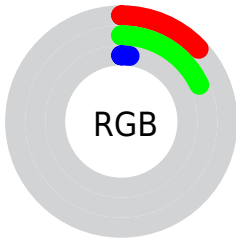
Format	Color
RYB	4, 45, 16
Decimal	2174212
CIELab	16.55, -12.48, 21.99
CIELCh	17, 25.281, 119.583
Yxy	2.2089, 0.3732, 0.5193
Android (android.graphics.Color)	4280364292 (0xFF212D04)
YUV	36.7380, -16.1398, -3.2782
Hunter-Lab	14.8623, -6.9427, 8.5783

Details

The Hex color **212D04** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **10042D**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **4E5B32**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **202D00**, and if you desaturate by 10%, it is **222D09**.

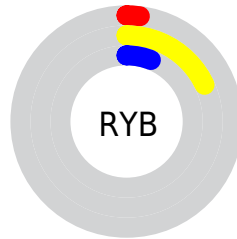
Distribution



Red (13%)

Green (18%)

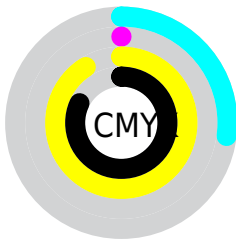
Blue (2%)



Red (2%)

Yellow (18%)

Blue (6%)

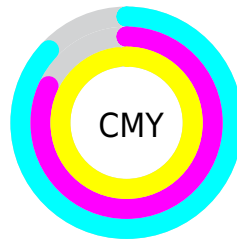


Cyan (27%)

Magenta (0%)

Yellow (91%)

Black (82%)



Cyan (87%)

Magenta (82%)

Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the Hex color 212D04 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 212D04 by changing the saturation by 10% instead.

 212D04

 212D04

 FFFFE6

 041900

 4E5B32

 000000

 677349

 808D61

 9AA77A

 B5C294

 D1DEAF

 EEFBCA

 212D04

 212D04

■ 202D00

■ 222D09

■ 242D0D

■ 252D11

■ 262D16

■ 282D1A

■ 292D1F

■ 2A2D24

■ 2C2D28

■ 2D2D2D

Harmonies

Analogous

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



332800



212D04



053016

Triad

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



212D04



002F48



49182A

Complementary

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



212D04



10042D

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.



3E1C3B



212D04



002B4D

Square

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



212D04



00313A



282448



481A18

Rectangle

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



212D04



003122



282448



461930

Sweetspot

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



212D04



363B2B



2D1004



1C1F15



9E9E9E



1F1F1F

Same Dimension

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



212D04



293B00



0D2D04



161715



3D5700



98D600

Inverse Universe

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



10042D



11003B



24042D



151517



190057



3F00D6

Previews

White Background



This preview shows how the Hex color 212D04 looks on a white background.

Color Contrast Check

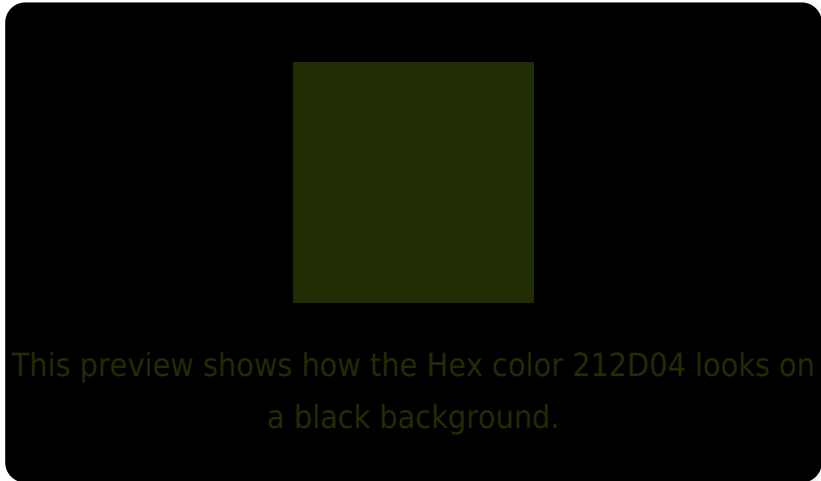
Large Text (above 18pt) WCAG AA ✓ Pass

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

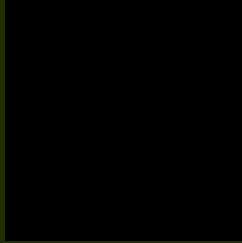
Any Text WCAG AA × Fail

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 212D04 Background



This preview shows how black text looks on a background with the Hex color 212D04.

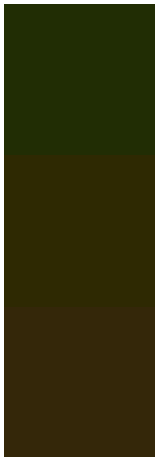


This preview shows how white text looks on a background with the Hex color 212D04.

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
212D04

Protanopia
2E2902

Deuteranopia
342709

Trichromacy



Original Color

212D04

Protanomaly

292A03

Deuteranomaly

2D2907

Tritanomaly

242B1E

Monochromacy



Original Color

212D04

Achromatopsia

252525

Achromatomaly

242819

CSS Examples

Text

The CSS property to change the color of the text to Hex 212D04 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 #212D04 looks like.

```
.text, #text, p{  
    color:#212D04  
}
```

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 #212D04 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #212D04
}
```

Border

The CSS property to change the border of an element to Hex 212D04 is called "border". The border property can be set on classes, ids or directly on the HTML element.

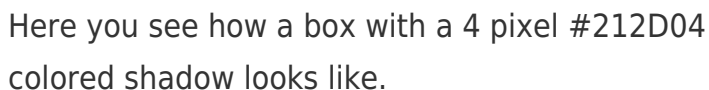
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#212D04 }
```

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

```
.border{ border-color:#212D04 }
```

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



Here you see how a box with a 4 pixel #212D04 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #212D04; -webkit-box-shadow:4px 4px  
4px 4px #212D04; box-shadow:4px 4px 4px  
4px #212D04 }
```

Background

The CSS property to change the background color of an element to Hex 212D04 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#212D04 }
```

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

```
.background{ background-color:#212D04 }
```

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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