

Converting Colors

Hex(212500)

Have a look what the booklet for
Hex(212500) contains.

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Color

Hex(212500)

Conversions

Conversions Part 1

Format	Color
Hex	212500
RGB	33, 37, 0
RGB Percent	13%, 15%, 0%
CMY	0.8706, 0.8549, 1.0000
CMYK	0.11, 0.00, 1.00, 0.85
HSL	66°, 100%, 7%
HSV	66°, 100%, 15%
XYZ	1.2888, 1.6465, 0.2499
YIQ	31.5860, 9.4930, -12.3550

Conversions

Conversions Part 2

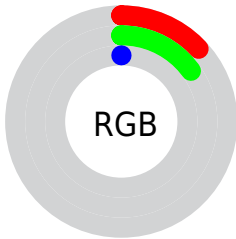
Format	Color
RYB	0, 37, 4
Decimal	2172160
CIELab	13.51, -7.97, 19.72
CIELCh	14, 21.270, 112.010
Yxy	1.6465, 0.4046, 0.5169
Android (android.graphics.Color)	4280362240 (0xFF212500)
YUV	31.5860, -15.5719, 1.2401
Hunter-Lab	12.8315, -4.5269, 7.8274

Details

The Hex color **212500** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **040025**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **4D522F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **212500**, and if you desaturate by 10%, it is **212504**.

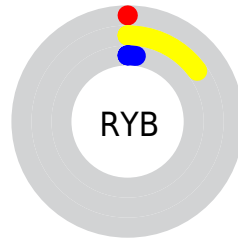
Distribution



Red (13%)

Green (15%)

Blue (0%)



Red (0%)

Yellow (15%)

Blue (2%)

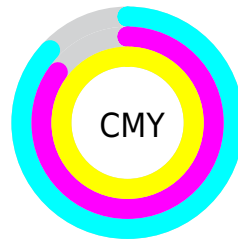


Cyan (11%)

Magenta (0%)

Yellow (100%)

Black (85%)



Cyan (87%)

Magenta (85%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 212500 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 212500 by changing the saturation by 10% instead.

 212500

 212500

 FFFFE2

 001100

 4D522F

 000000

 666A46

 7F835E

 999D76

 B4B890

 D0D3AB

 ECF0C6

 212500

■ 212504

■ 222507

■ 22250B

■ 23250F

■ 232513

■ 232516

■ 24251A

■ 24251E

■ 252521

Harmonies

Analogous

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



2F2000



212500



0E280F

Triad

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



212500



00283A



3B1527

Complementary

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



212500



040025

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.



311A35



212500



002540

Square

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



212500



002A2D



1C203E



3E1618

Rectangle

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



212500



002919



1C203E



39172C

Sweetspot

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



212500



2F3022



250400



191A10



999999



1A1A1A

Same Dimension

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



212500



2B3000



0F2500



121210



495200



BAD100

Inverse Universe

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



040025



050030



160025



101012



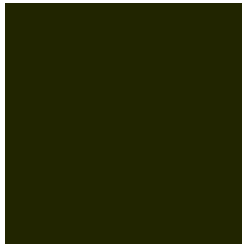
090052



1700D1

Previews

White Background



This preview shows how the Hex color 212500 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

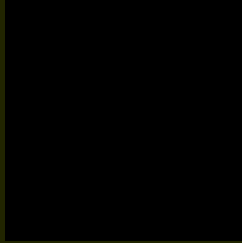
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

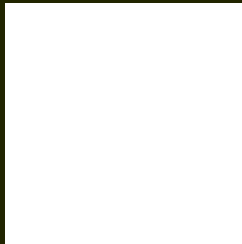
Any Text WCAG AAA × Fail

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

Hex 212500 Background



This preview shows how black text looks on a background with the Hex color 212500.

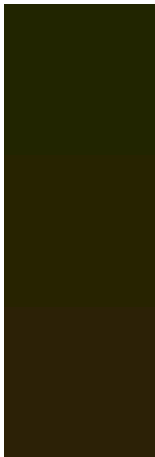


This preview shows how white text looks on a background with the Hex color 212500.

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
212500

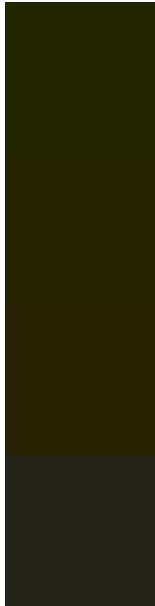
Protanopia
272300

Deuteranopia
2C2106



Tritanopia
242225

Trichromacy



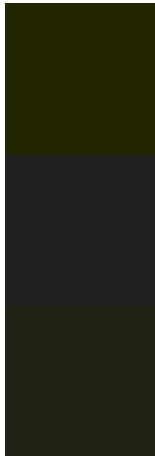
Original Color
212500

Protanomaly
252400

Deuteranomaly
282204

Tritanomaly
232318

Monochromacy



Original Color
212500

Achromatopsia
202020

Achromatomaly
202214

CSS Examples

Text

The CSS property to change the color of the text to Hex 212500 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 #212500 looks like.

```
.text, #text, p{  
    color:#212500  
}
```

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 #212500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #212500
}
```

Border

The CSS property to change the border of an element to Hex 212500 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".

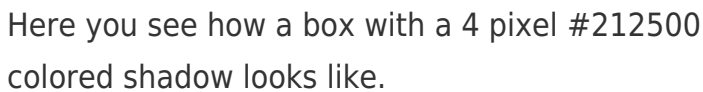
```
.border, #border, table{ border:4px solid
#212500 }
```

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

```
.border{ border-color:#212500 }
```

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

Here you see how a box with a 4 pixel #212500 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #212500; -webkit-box-shadow:4px 4px  
4px 4px #212500; box-shadow:4px 4px 4px  
4px #212500 }
```

Background

The CSS property to change the background color of an element to Hex 212500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#212500 }
```

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

```
.background{ background-color:#212500 }
```

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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