

# Converting Colors

Hex(132500)

Have a look what the booklet for  
Hex(132500) contains.

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# Color

**Hex(132500)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	132500
RGB	19, 37, 0
RGB Percent	7%, 15%, 0%
CMY	0.9255, 0.8549, 1.0000
CMYK	0.49, 0.00, 1.00, 0.85
HSL	89°, 100%, 7%
HSV	89°, 100%, 15%
XYZ	0.9301, 1.4616, 0.2331
YIQ	27.4000, 1.1490, -15.3230

# Conversions

## Conversions Part 2

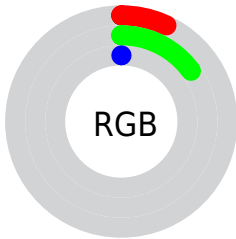
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 37, 18
Decimal	1254656
CIELab	12.36, -15.30, 17.98
CIELCh	12, 23.609, 130.399
Yxy	1.4616, 0.3544, 0.5568
Android (android.graphics.Color)	4279444736 (0xFF132500)
YUV	27.4000, -13.5082, -7.3668
Hunter-Lab	12.0896, -7.4237, 7.3196

# Details

The Hex color **132500** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **120025**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **3D522F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **132500**, and if you desaturate by 10%, it is **152504**.

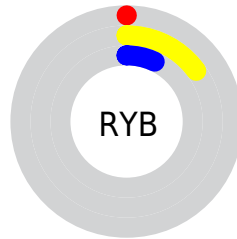
# Distribution



Red (7%)

Green (15%)

Blue (0%)



Red (0%)

Yellow (15%)

Blue (7%)

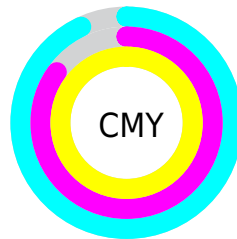


Cyan (49%)

Magenta (0%)

Yellow (100%)

Black (85%)



Cyan (93%)

Magenta (85%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 132500 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 132500 by changing the saturation by 10% instead.



 132500

 132500

 F5FFE2

 000F00

 3D522F

 000000

 556A46

 6E845E

 879E76

 A2B990

 BDD4AB

 D9F1C6

 132500

■ 152504

■ 172507

■ 18250B

■ 1A250F

■ 1C2513

■ 1E2516

■ 20251A

■ 21251E

■ 232521

# Harmonies

## Analogous

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



242100



132500



002715

# Triad

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



132500



00253F



3D101B

# Complementary

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



132500



120025

# 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.



38122C



132500



062040

# Square

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



132500



002735



281939



3B1509

# Rectangle

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



132500



002820



281939



3D1021



# Sweetspot

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



132500



293022



251200



151A10



999999



1A1A1A



# Same Dimension

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



132500



193000



012500



111210



2A5200



6BD100



# Inverse Universe

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



120025



180030



240025



111012



280052

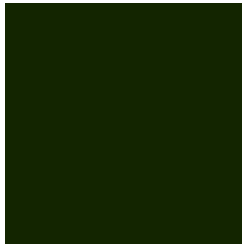


6600D1



# Previews

## White Background



This preview shows how the Hex color 132500 looks on a white background.

## Color Contrast Check

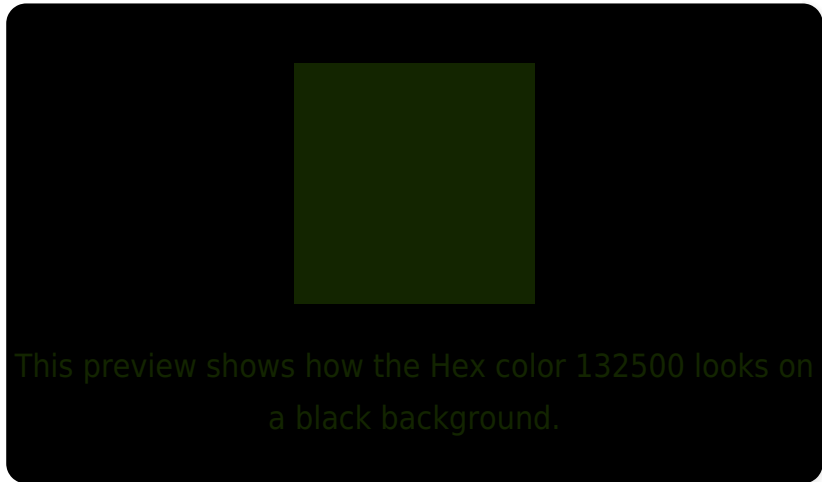
Large Text (above 18pt) WCAG AA ✓ Pass

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

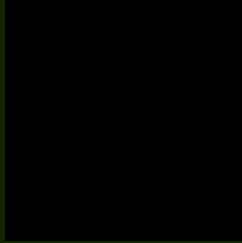
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 132500 Background



This preview shows how black text looks on a background with the Hex color 132500.



This preview shows how white text looks on a background with the Hex color 132500.

# 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**  
132500

**Protanopia**  
252100

**Deuteranopia**  
291F08



**Tritanopia**  
182225

# Trichromacy



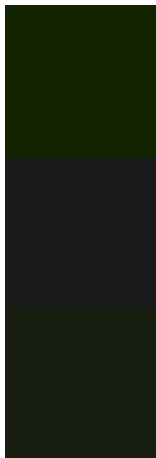
**Original Color**  
132500

**Protanomaly**  
1E2200

**Deuteranomaly**  
212105

**Tritanomaly**  
162318

# Monochromacy



**Original Color**  
132500

**Achromatopsia**  
1B1B1B

**Achromatomaly**  
181F11

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 132500 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 #132500 looks like.

```
.text, #text, p{  
    color:#132500  
}
```

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 #132500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #132500
}
```

## Border

The CSS property to change the border of an element to Hex 132500 is called "border". The border property can be set on classes, ids or directly on the HTML element.

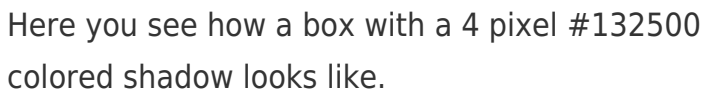
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#132500 }
```

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

```
.border{ border-color:#132500 }
```

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



Here you see how a box with a 4 pixel #132500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #132500; -webkit-box-shadow:4px 4px  
4px 4px #132500; box-shadow:4px 4px 4px  
4px #132500 }
```

# Background

The CSS property to change the background color of an element to Hex 132500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#132500 }
```

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

```
.background{ background-color:#132500 }
```

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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