

Converting Colors

Hex(132513)

Have a look what the booklet for
Hex(132513) contains.

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Color

Hex(132513)

Conversions

Conversions Part 1

Format	Color
Hex	132513
RGB	19, 37, 19
RGB Percent	7%, 15%, 7%
CMY	0.9255, 0.8549, 0.9255
CMYK	0.49, 0.00, 0.49, 0.85
HSL	120°, 32%, 11%
HSV	120°, 49%, 15%
XYZ	1.0477, 1.5086, 0.8521
YIQ	29.5660, -4.9500, -9.4140

Conversions

Conversions Part 2

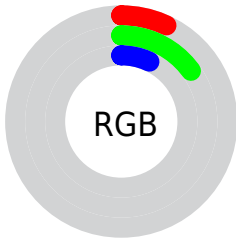
Format	Color
RYB	19, 37, 37
Decimal	1254675
CIELab	12.66, -12.27, 9.64
CIELCh	13, 15.607, 141.833
Yxy	1.5086, 0.3074, 0.4426
Android (android.graphics.Color)	4279444755 (0xFF132513)
YUV	29.5660, -5.2090, -9.2664
Hunter-Lab	12.2825, -6.2687, 4.4847

Details

The Hex color **132513** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **251325**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **3E523D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0F250F**, and if you desaturate by 10%, it is **172517**.

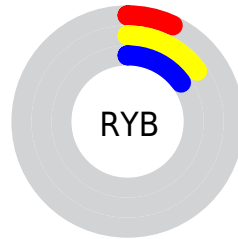
Distribution



Red (7%)

Green (15%)

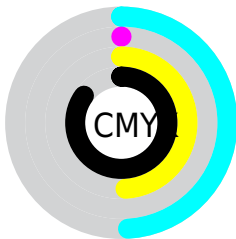
Blue (7%)



Red (7%)

Yellow (15%)

Blue (15%)

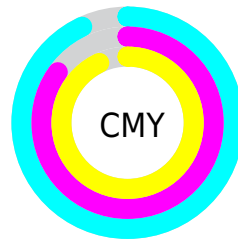


Cyan (49%)

Magenta (0%)

Yellow (49%)

Black (85%)



Cyan (93%)

Magenta (85%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 132513 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 132513 by changing the saturation by 10% instead.

■ 132513

■ 132513

■ F5FFF3

■ 001100

■ 3E523D

■ 000000

■ 566A54

■ 6E836D

■ 889D86

■ A2B8A0

■ BDD4BB

■ D9F0D7

■ 132513

■ 132513

■ 0F250F

■ 172517

■ 0C250C

■ 1A251A

■ 082508

■ 1E251E

■ 042504

■ 222522

■ 012501

■ 262526

■ 002500

■ 292529

■ 2D252D

■ 312531

■ 342534

Harmonies

Analogous

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



20230A



132513



03261D

Triad

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



132513



082336



351819

Complementary

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



132513



251325

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.



331824



132513



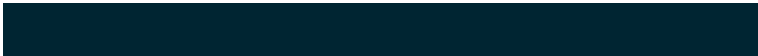
1D1F35

Square

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



132513



002532



2B1B2E



321B10

Rectangle

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



132513



002625



2B1B2E



35181D

Sweetspot

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



132513



293029



252513



151A15



999999



1A1A1A

Same Dimension

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



132513



143014



13251C



101210



005200



00D100

Inverse Universe

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



251325



301430



25131C



121012



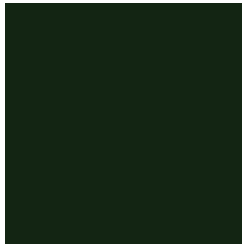
520052



D100D1

Previews

White Background



This preview shows how the Hex color 132513 looks on a white background.

Color Contrast Check

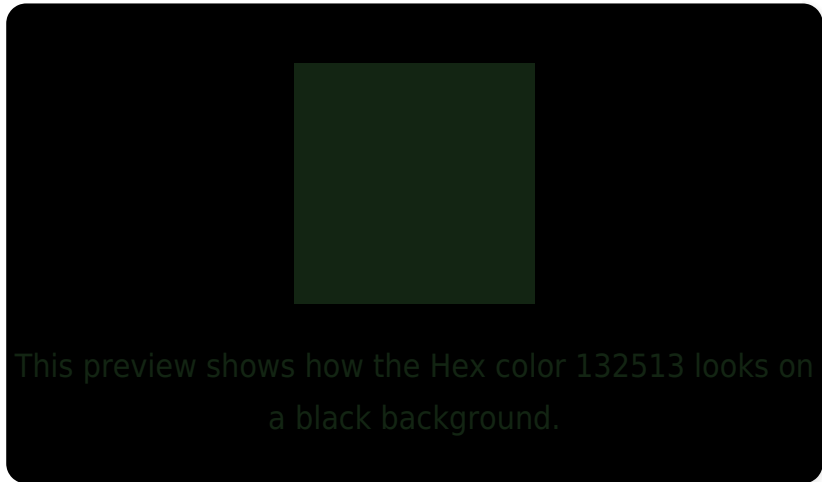
Large Text (above 18pt) WCAG AA ✓ Pass

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

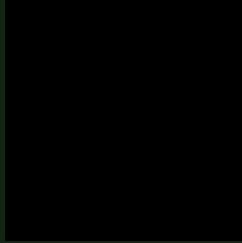
Any Text WCAG AA × Fail

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 132513 Background



This preview shows how black text looks on a background with the Hex color 132513.



This preview shows how white text looks on a background with the Hex color 132513.

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
132513

Protanopia
242112

Deuteranopia
281F14



Tritanopia
172326

Trichromacy



Original Color

132513

Protanomaly

1E2212

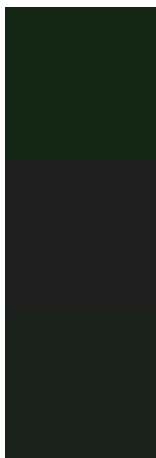
Deuteranomaly

202114

Tritanomaly

16241F

Monochromacy



Original Color

132513

Achromatopsia

1E1E1E

Achromatomaly

1A211A

CSS Examples

Text

The CSS property to change the color of the text to Hex 132513 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 #132513 looks like.

```
.text, #text, p{  
    color:#132513  
}
```

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 #132513 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #132513
}
```

Border

The CSS property to change the border of an element to Hex 132513 is called "border". The border property can be set on classes, ids or directly on the HTML element.

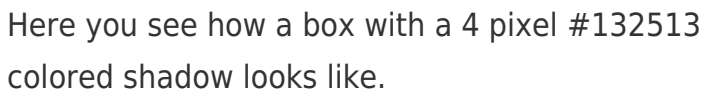
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#132513 }
```

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

```
.border{ border-color:#132513 }
```

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



Here you see how a box with a 4 pixel #132513 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #132513; -webkit-box-shadow:4px 4px  
4px 4px #132513; box-shadow:4px 4px 4px  
4px #132513 }
```

Background

The CSS property to change the background color of an element to Hex 132513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#132513 }
```

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

```
.background{ background-color:#132513 }
```

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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