

Converting Colors

Hex(124412)

Have a look what the booklet for
Hex(124412) contains.

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Color

Hex(124412)

Conversions

Conversions Part 1

Format	Color
Hex	124412
RGB	18, 68, 18
RGB Percent	7%, 27%, 7%
CMY	0.9294, 0.7333, 0.9294
CMYK	0.74, 0.00, 0.74, 0.73
HSL	120°, 58%, 17%
HSV	120°, 74%, 27%
XYZ	2.4258, 4.3065, 1.2757
YIQ	47.3500, -13.7500, -26.1500

Conversions

Conversions Part 2

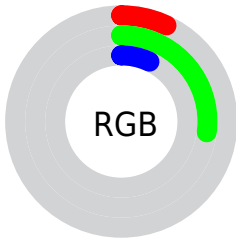
Format	Color
R_{YB}	18, 68, 68
Decimal	1197074
CIE _{Lab}	24.66, -28.05, 24.68
CIE _{LCh}	25, 37.359, 138.655
Yxy	4.3065, 0.3029, 0.5378
Android (android.graphics.Color)	4279387154 (0xFF124412)
YUV	47.3500, -14.4695, -25.7399
Hunter-Lab	20.7521, -15.4511, 10.8819

Details

The Hex color **124412** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **441244**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **45753F**, and **001900** is the 20% darker color. If you saturate the color by 10%, you get **0B440B**, and if you desaturate by 10%, it is **194419**.

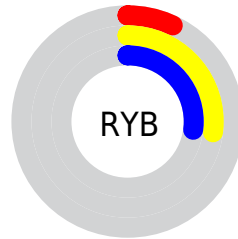
Distribution



Red (7%)

Green (27%)

Blue (7%)



Red (7%)

Yellow (27%)

Blue (27%)

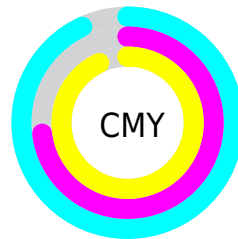


Cyan (74%)

Magenta (0%)

Yellow (74%)

Black (73%)



Cyan (93%)

Magenta (73%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 124412 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 124412 by changing the saturation by 10% instead.

 124412

 124412

 FFFFF8

 002D00

 45753F

 001900

 5E8F57

 000000

 78A970

 92C589

 ADE1A4

 C9FEBF

 E5FFDB

 124412

 124412

■ 0B440B

■ 194419

■ 044404

■ 204420

■ 004400

■ 264426

■ 2D442D

■ 344434

■ 3B443B

■ 424442

■ 484448

■ 4F444F

Harmonies

Analogous

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



373E00



124412



00472F

Triad

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



124412



004172



6C1E2A

Complementary

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



124412



441244

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.



671E46



124412



223870

Square

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



124412



004664



512B60



632910

Rectangle

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



124412



004742



512B60



6C1C34

Sweetspot

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



124412



465946



444412



222E22



ADADAD



2E2E2E

Same Dimension

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



124412



0B590B



12442B



1E211E



006100



00E000

Inverse Universe

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



441244



590B59



44122B



211E21



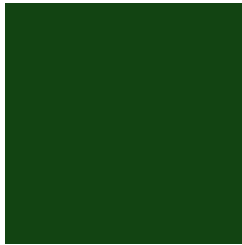
610061



E000E0

Previews

White Background



This preview shows how the Hex color 124412 looks on a white background.

Color Contrast Check

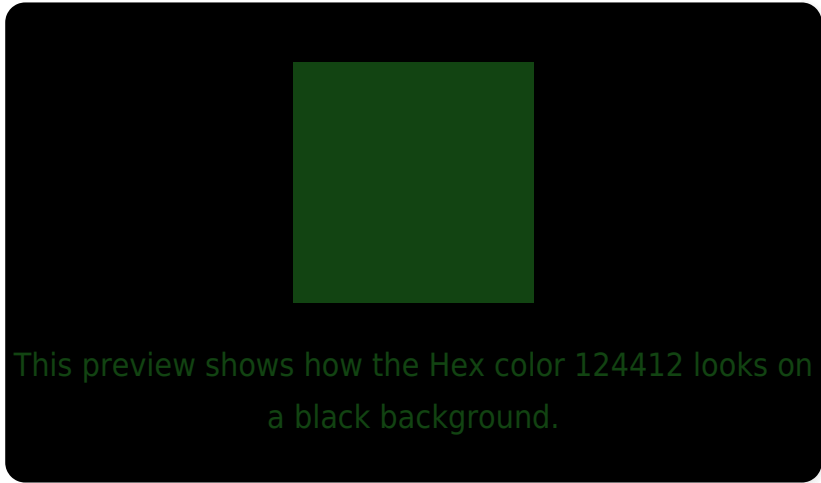
Large Text (above 18pt) WCAG AA ✓ Pass

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

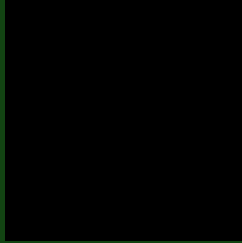
Any Text WCAG AA × Fail

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 124412 Background



This preview shows how black text looks on a background with the Hex color 124412.



This preview shows how white text looks on a background with the Hex color 124412.

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
124412

Protanopia
423B10

Deuteranopia
493817



Tritanopia
203F45

Trichromacy



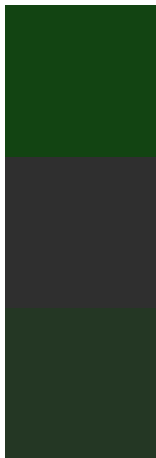
Original Color
124412

Protanomaly
313E11

Deuteranomaly
353C15

Tritanomaly
1B4132

Monochromacy



Original Color
124412

Achromatopsia
2F2F2F

Achromatomaly
243724

CSS Examples

Text

The CSS property to change the color of the text to Hex 124412 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 #124412 looks like.

```
.text, #text, p{  
    color:#124412  
}
```

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 #124412 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #124412
}
```

Border

The CSS property to change the border of an element to Hex 124412 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
#124412 }
```

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

```
.border{ border-color:#124412 }
```

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

Here you see how a box with a 4 pixel #124412 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #124412; -webkit-box-shadow:4px 4px  
4px 4px #124412; box-shadow:4px 4px 4px  
4px #124412 }
```

Background

The CSS property to change the background color of an element to Hex 124412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#124412 }
```

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

```
.background{ background-color:#124412 }
```

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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