

Converting Colors

Hex(244C04)

Have a look what the booklet for
Hex(244C04) contains.

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Color

Hex(244C04)

Conversions

Conversions Part 1

Format	Color
Hex	244C04
RGB	36, 76, 4
RGB Percent	14%, 30%, 2%
CMY	0.8588, 0.7020, 0.9843
CMYK	0.53, 0.00, 0.95, 0.70
HSL	93°, 90%, 16%
HSV	93°, 95%, 30%
XYZ	3.3339, 5.5527, 1.0109
YIQ	55.8320, -0.7280, -30.8720

Conversions

Conversions Part 2

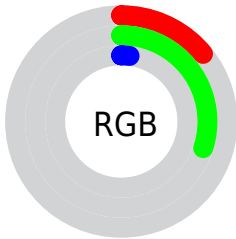
Format	Color
RYB	4, 76, 44
Decimal	2378756
CIELab	28.25, -27.08, 34.27
CIELCh	28, 43.675, 128.320
Yxy	5.5527, 0.3368, 0.5610
Android (android.graphics.Color)	4280568836 (0xFF244C04)
YUV	55.8320, -25.5532, -17.3927
Hunter-Lab	23.5642, -15.9828, 13.9513

Details

The Hex color **244C04** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **2C044C**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **567D36**, and **002100** is the 20% darker color. If you saturate the color by 10%, you get **224C00**, and if you desaturate by 10%, it is **284C0C**.

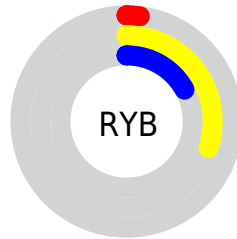
Distribution



Red (14%)

Green (30%)

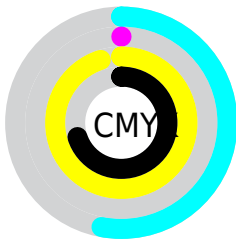
Blue (2%)



Red (2%)

Yellow (30%)

Blue (17%)

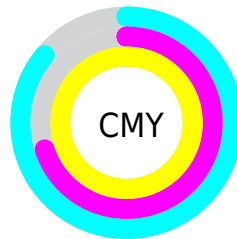


Cyan (53%)

Magenta (0%)

Yellow (95%)

Black (70%)



Cyan (86%)

Magenta (70%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 244C04 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 244C04 by changing the saturation by 10% instead.

 244C04

 244C04

 FFFFEE

 0C3500

 567D36

 002100

 70974E

 000000

 8AB267

 A5CE80

 C1EA9B

 DDFFB6

 FAFFD2

 244C04

 244C04

■ 224C00

■ 284C0C

■ 2C4C13

■ 314C1B

■ 354C22

■ 394C2A

■ 3D4C32

■ 424C39

■ 464C41

■ 4A4C48

Harmonies

Analogous

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



494400



244C04



005028

Triad

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



244C04



004D81



7E1C3B

Complementary

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



244C04



2C044C

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.



71245C



244C04



004486

Square

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



244C04



00516C



4F3578



78281B

Rectangle

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



244C04



005140



4F3578



7C1C46

Sweetspot

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



244C04



546348



4C2C04



293322



B3B3B3



333333

Same Dimension

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



244C04



2C6300



044C08



242622



2D6600



66E600

Inverse Universe

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



2C044C



370063



4C0448



252226



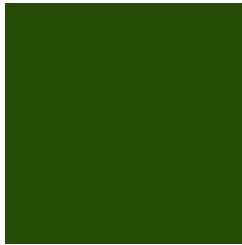
390066



7F00E6

Previews

White Background



This preview shows how the Hex color 244C04 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

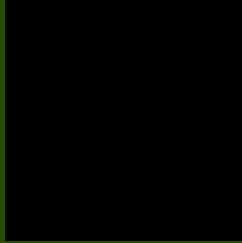
Any Text WCAG AA × Fail

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 244C04 Background



This preview shows how black text looks on a background with the Hex color 244C04.



This preview shows how white text looks on a background with the Hex color 244C04.

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
244C04

Protanopia
4B4300

Deuteranopia
543F10



Tritanopia
2F474C

Trichromacy



Original Color
244C04

Protanomaly
3D4601

Deuteranomaly
43440C

Tritanomaly
2B4932

Monochromacy



Original Color
244C04

Achromatopsia
383838

Achromatomaly
313F25

CSS Examples

Text

The CSS property to change the color of the text to Hex 244C04 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 #244C04 looks like.

```
.text, #text, p{  
    color:#244C04  
}
```

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 #244C04 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #244C04
}
```

Border

The CSS property to change the border of an element to Hex 244C04 is called "border". The border property can be set on classes, ids or directly on the HTML element.

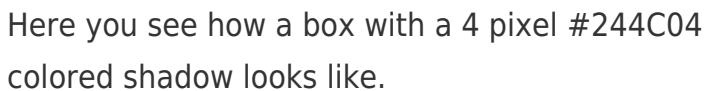
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#244C04 }
```

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

```
.border{ border-color:#244C04 }
```

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



Here you see how a box with a 4 pixel #244C04 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #244C04; -webkit-box-shadow:4px 4px  
4px 4px #244C04; box-shadow:4px 4px 4px  
4px #244C04 }
```

Background

The CSS property to change the background color of an element to Hex 244C04 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#244C04 }
```

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

```
.background{ background-color:#244C04 }
```

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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