

Converting Colors

Hex(244A0F)

Have a look what the booklet for
Hex(244A0F) contains.

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Color

Hex(244A0F)

Conversions

Conversions Part 1

Format	Color
Hex	244A0F
RGB	36, 74, 15
RGB Percent	14%, 29%, 6%
CMY	0.8588, 0.7098, 0.9412
CMYK	0.51, 0.00, 0.80, 0.71
HSL	99°, 66%, 17%
HSV	99°, 80%, 29%
XYZ	3.2626, 5.3071, 1.3044
YIQ	55.9120, -3.7090, -26.4050

Conversions

Conversions Part 2

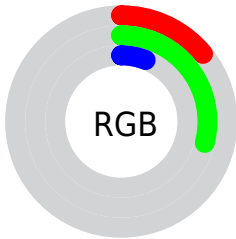
Format	Color
RYB	15, 74, 53
Decimal	2378255
CIELab	27.59, -25.40, 29.40
CIELCh	28, 38.852, 130.831
Yxy	5.3071, 0.3304, 0.5375
Android (android.graphics.Color)	4280568335 (0xFF244A0F)
YUV	55.9120, -20.1696, -17.4628
Hunter-Lab	23.0372, -15.0356, 12.7690

Details

The Hex color **244A0F** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **350F4A**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **557B3D**, and **001F00** is the 20% darker color. If you saturate the color by 10%, you get **1F4A08**, and if you desaturate by 10%, it is **294A16**.

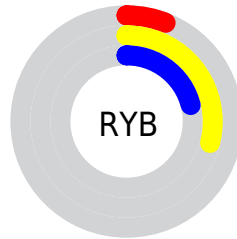
Distribution



Red (14%)

Green (29%)

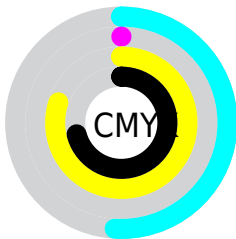
Blue (6%)



Red (6%)

Yellow (29%)

Blue (21%)

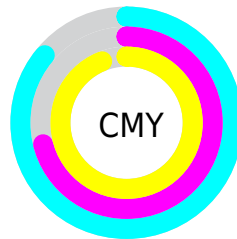


Cyan (51%)

Magenta (0%)

Yellow (80%)

Black (71%)



Cyan (86%)

Magenta (71%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 244A0F 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 244A0F by changing the saturation by 10% instead.

 244A0F

 244A0F

 FFFFF7

 0E3300

 557B3D

 001F00

 6E9555

 000000

 88B06E

 A3CB88

 BFE8A3

 DBFFBE

 F8FFDA

 244A0F

 244A0F

■ 1F4A08

■ 294A16

■ 1A4A00

■ 2E4A1E

■ 324A25

■ 374A2D

■ 3C4A34

■ 414A3B

■ 454A43

■ 4A4A4A

■ 4F4A52

Harmonies

Analogous

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



454300



244A0F



004E2C

Triad

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



244A0F



004A79



762238

Complementary

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



244A0F



350F4A

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.



6D2755



244A0F



0A417C

Square

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



244A0F



004E68



50346F



702B1B

Rectangle

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



244A0F



004F41



50346F



752242

Sweetspot

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



244A0F



52614A



4A340F



273022



B0B0B0



303030

Same Dimension

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



244A0F



256104



0F4A17



242622



246600



52E600

Inverse Universe

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



350F4A



400461



4A0F42



252226



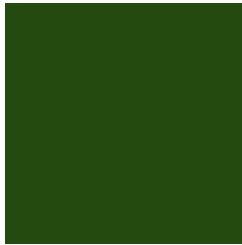
420066



9400E6

Previews

White Background



This preview shows how the Hex color 244A0F 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

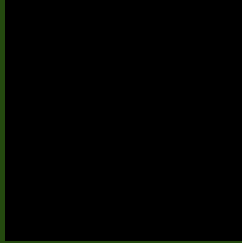
Any Text WCAG AA × Fail

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 244A0F Background



This preview shows how black text looks on a background with the Hex color 244A0F.



This preview shows how white text looks on a background with the Hex color 244A0F.

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](#).

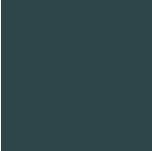
Dichromacy



Original Color
244A0F

Protanopia
49410D

Deuteranopia
513E15



Tritanopia
2E454A

Trichromacy



Original Color
244A0F

Protanomaly
3C440E

Deuteranomaly
414213

Tritanomaly
2A4735

Monochromacy



Original Color
244A0F

Achromatopsia
383838

Achromatomaly
313F29

CSS Examples

Text

The CSS property to change the color of the text to Hex 244A0F 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 #244A0F looks like.

```
.text, #text, p{  
    color:#244A0F  
}
```

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 #244A0F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #244A0F
}
```

Border

The CSS property to change the border of an element to Hex 244A0F is called "border". The border property can be set on classes, ids or directly on the HTML element.

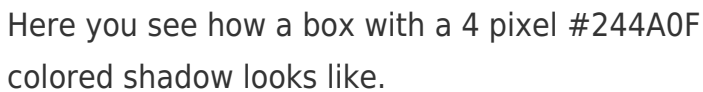
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#244A0F }
```

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

```
.border{ border-color:#244A0F }
```

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



Here you see how a box with a 4 pixel #244A0F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #244A0F; -webkit-box-shadow:4px 4px  
4px 4px #244A0F; box-shadow:4px 4px 4px  
4px #244A0F }
```

Background

The CSS property to change the background color of an element to Hex 244A0F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#244A0F }
```

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

```
.background{ background-color:#244A0F }
```

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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