

Converting Colors

Hex(254A0F)

Have a look what the booklet for
Hex(254A0F) contains.

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Color

Hex(254A0F)

Conversions

Conversions Part 1

Format	Color
Hex	254A0F
RGB	37, 74, 15
RGB Percent	15%, 29%, 6%
CMY	0.8549, 0.7098, 0.9412
CMYK	0.50, 0.00, 0.80, 0.71
HSL	98°, 66%, 17%
HSV	98°, 80%, 29%
XYZ	3.2980, 5.3254, 1.3060
YIQ	56.2110, -3.1130, -26.1930

Conversions

Conversions Part 2

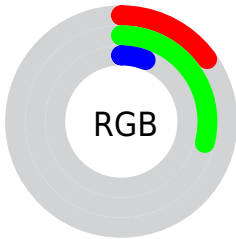
Format	Color
RYB	15, 74, 52
Decimal	2443791
CIELab	27.64, -25.03, 29.46
CIELCh	28, 38.661, 130.351
Yxy	5.3254, 0.3321, 0.5363
Android (android.graphics.Color)	4280633871 (0xFF254A0F)
YUV	56.2110, -20.3170, -16.8480
Hunter-Lab	23.0767, -14.8745, 12.7982

Details

The Hex color **254A0F** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **340F4A**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **567B3D**, and **001F00** is the 20% darker color. If you saturate the color by 10%, you get **204A08**, and if you desaturate by 10%, it is **2A4A16**.

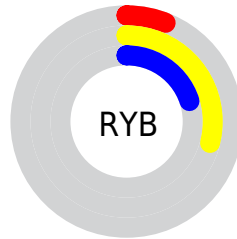
Distribution



Red (15%)

Green (29%)

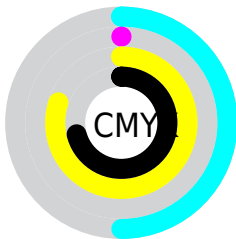
Blue (6%)



Red (6%)

Yellow (29%)

Blue (20%)

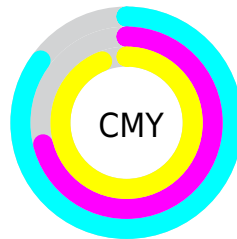


Cyan (50%)

Magenta (0%)

Yellow (80%)

Black (71%)



Cyan (85%)

Magenta (71%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 254A0F 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 254A0F by changing the saturation by 10% instead.



254A0F



254A0F



FFFFFF7



0F3300



567B3D



001F00



6F9555



000000



89B06E



A4CB88



C0E8A3



DCFFBE



F9FFDA



254A0F



254A0F

■ 204A08

■ 2A4A16

■ 1C4A00

■ 2E4A1E

■ 334A25

■ 384A2D

■ 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.



464300



254A0F



004E2C

Triad

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



254A0F



004A79



762338

Complementary

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



254A0F



340F4A

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.



6C2756



254A0F



08417C

Square

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



254A0F



004E67



4F356F



702C1C

Rectangle

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



254A0F



004F41



4F356F



752242

Sweetspot

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



254A0F



52614A



4A330F



283022



B0B0B0



303030

Same Dimension

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



254A0F



276104



0F4A16



242622



266600



56E600

Inverse Universe

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



340F4A



3E0461



4A0F43



252226



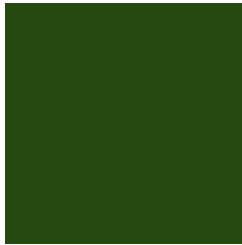
400066



9000E6

Previews

White Background



This preview shows how the Hex color 254A0F looks on a white background.

Color Contrast Check

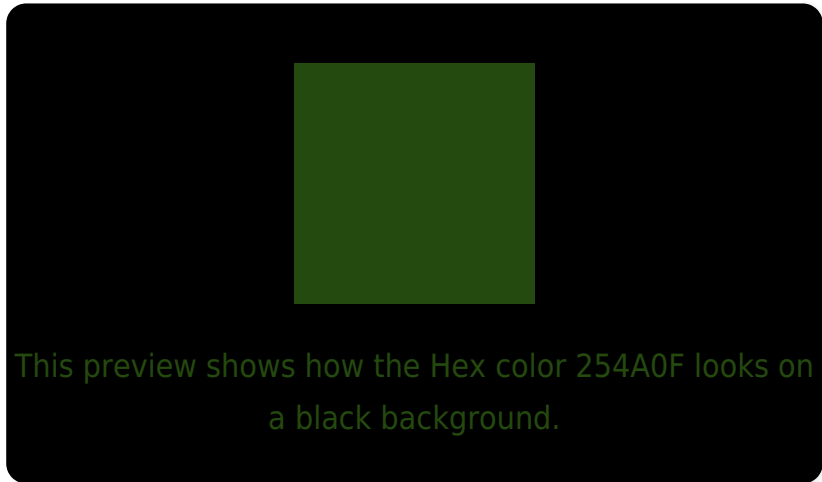
Large Text (above 18pt) WCAG AA ✓ Pass

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

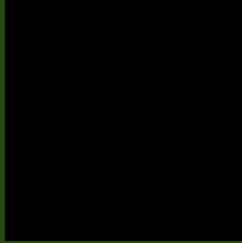
Any Text WCAG AA × Fail

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 254A0F Background



This preview shows how black text looks on a background with the Hex color 254A0F.



This preview shows how white text looks on a background with the Hex color 254A0F.

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](#).

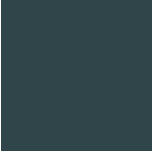
Dichromacy



Original Color
254A0F

Protanopia
49410D

Deuteranopia
523E15



Tritanopia
2F454A

Trichromacy



Original Color
254A0F

Protanomaly
3C440E

Deuteranomaly
424213

Tritanomaly
2B4735

Monochromacy



Original Color
254A0F

Achromatopsia
383838

Achromatomaly
313F29

CSS Examples

Text

The CSS property to change the color of the text to Hex 254A0F 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 #254A0F looks like.

```
.text, #text, p{  
    color:#254A0F  
}
```

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 #254A0F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #254A0F
}
```

Border

The CSS property to change the border of an element to Hex 254A0F is called "border". The border property can be set on classes, ids or directly on the HTML element.

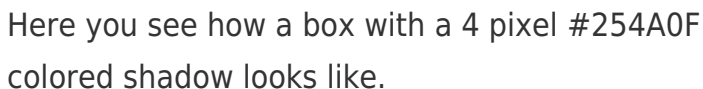
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#254A0F }
```

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

```
.border{ border-color:#254A0F }
```

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



Here you see how a box with a 4 pixel #254A0F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #254A0F; -webkit-box-shadow:4px 4px  
4px 4px #254A0F; box-shadow:4px 4px 4px  
4px #254A0F }
```

Background

The CSS property to change the background color of an element to Hex 254A0F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#254A0F }
```

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

```
.background{ background-color:#254A0F }
```

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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