

Converting Colors

Hex(1A2F09)

Have a look what the booklet for
Hex(1A2F09) contains.

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Color

Hex(1A2F09)

Conversions

Conversions Part 1

Format	Color
Hex	1A2F09
RGB	26, 47, 9
RGB Percent	10%, 18%, 4%
CMY	0.8980, 0.8157, 0.9647
CMYK	0.45, 0.00, 0.81, 0.82
HSL	93°, 68%, 11%
HSV	93°, 81%, 18%
XYZ	1.4918, 2.2724, 0.6184
YIQ	36.3890, -0.3180, -16.2700

Conversions

Conversions Part 2

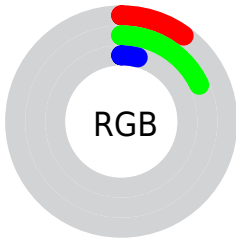
Format	Color
R_{YB}	9, 47, 30
Decimal	1715977
CIE _{Lab}	16.86, -16.43, 20.22
CIE _{LCh}	17, 26.053, 129.106
Yxy	2.2724, 0.3404, 0.5185
Android (android.graphics.Color)	4279906057 (0xFF1A2F09)
YUV	36.3890, -13.5028, -9.1112
Hunter-Lab	15.0744, -8.7150, 8.1197

Details

The Hex color **1A2F09** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **1E092F**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **475D35**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **172F04**, and if you desaturate by 10%, it is **1D2F0E**.

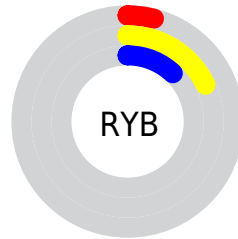
Distribution



Red (10%)

Green (18%)

Blue (4%)



Red (4%)

Yellow (18%)

Blue (12%)

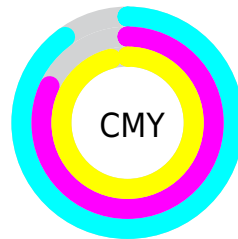


Cyan (45%)

Magenta (0%)

Yellow (81%)

Black (82%)



Cyan (90%)

Magenta (82%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A2F09 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 1A2F09 by changing the saturation by 10% instead.

 1A2F09

 1A2F09

 FFFFEB

 001B00

 475D35

 000000

 5F764C

 789065

 92AA7E

 ADC598

 C9E1B3

 E5FECE

 1A2F09

 1A2F09

■ 172F04

■ 1D2F0E

■ 152F00

■ 1F2F12

■ 222F17

■ 242F1C

■ 272F21

■ 2A2F25

■ 2C2F2A

■ 2F2F2F

■ 312F33

Harmonies

Analogous

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



2F2A00



1A2F09



00321C

Triad

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



1A2F09



002F4C



4B1825

Complementary

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



1A2F09



1E092F

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.



441A37



1A2F09



0B2A4E

Square

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



1A2F09



003241



322247



481C13

Rectangle

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



1A2F09



003228



322247



4A182B

Sweetspot

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



1A2F09



353D2F



2F1E09



1A1F16



9E9E9E



1F1F1F

Same Dimension

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



1A2F09



1C3D02



092F0B



161715



275700



60D600

Inverse Universe

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



1E092F



23023D



2F092D



161517



300057



7600D6

Previews

White Background



This preview shows how the Hex color 1A2F09 looks on a white background.

Color Contrast Check

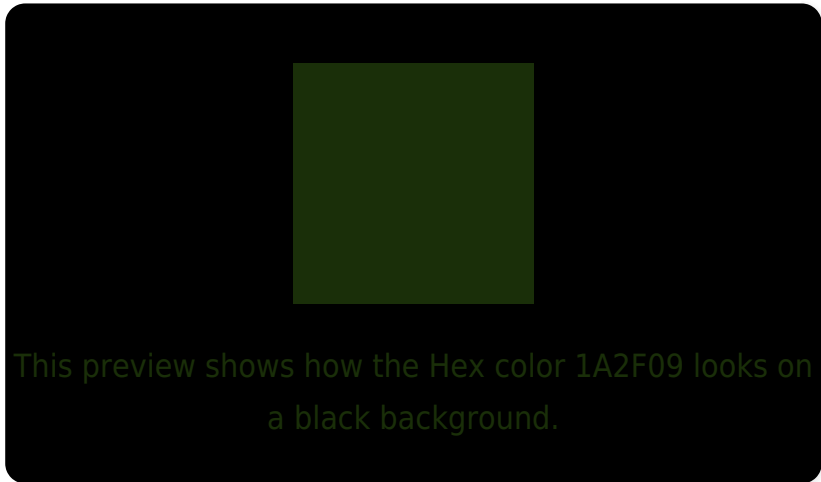
Large Text (above 18pt) WCAG AA ✓ Pass

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

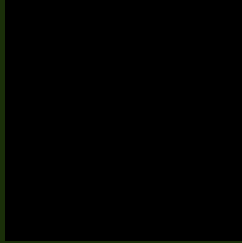
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

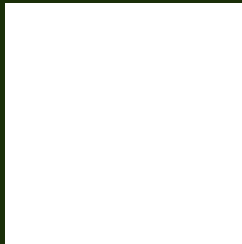
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 1A2F09 Background



This preview shows how black text looks on a background with the Hex color 1A2F09.



This preview shows how white text looks on a background with the Hex color 1A2F09.

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
1A2F09

Protanopia
2F2A08

Deuteranopia
34280D

Trichromacy



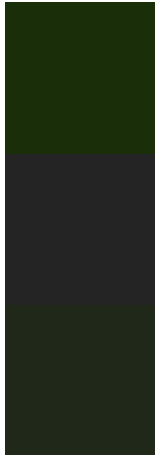
Original Color
1A2F09

Protanomaly
272C08

Deuteranomaly
2B2B0C

Tritanomaly
1E2D21

Monochromacy



Original Color
1A2F09

Achromatopsia
242424

Achromatomaly
20281A

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A2F09 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 #1A2F09 looks like.

```
.text, #text, p{  
    color:#1A2F09  
}
```

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 #1A2F09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A2F09
}
```

Border

The CSS property to change the border of an element to Hex 1A2F09 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".

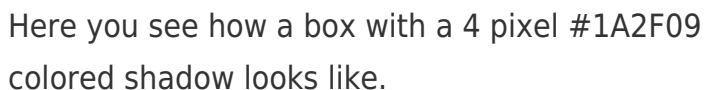
```
.border, #border, table{ border:4px solid
#1A2F09 }
```

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

```
.border{ border-color:#1A2F09 }
```

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

Here you see how a box with a 4 pixel #1A2F09 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A2F09; -webkit-box-shadow:4px 4px  
4px 4px #1A2F09; box-shadow:4px 4px 4px  
4px #1A2F09 }
```

Background

The CSS property to change the background color of an element to Hex 1A2F09 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A2F09 }
```

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

```
.background{ background-color:#1A2F09 }
```

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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