

Converting Colors

Hex(1A4F08)

Have a look what the booklet for
Hex(1A4F08) contains.

Hex(1A4F08)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

Hex(1A4F08)

Conversions

Conversions Part 1

Format	Color
Hex	1A4F08
RGB	26, 79, 8
RGB Percent	10%, 31%, 3%
CMY	0.8980, 0.6902, 0.9686
CMYK	0.67, 0.00, 0.90, 0.69
HSL	105°, 82%, 17%
HSV	105°, 90%, 31%
XYZ	3.2658, 5.8291, 1.1827
YIQ	55.0590, -8.7970, -33.3170

Conversions

Conversions Part 2

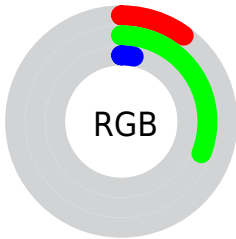
Format	Color
R_{YB}	8, 79, 61
Decimal	1724168
CIE _{Lab}	28.98, -31.32, 33.25
CIE _{LCh}	29, 45.679, 133.282
Yxy	5.8291, 0.3178, 0.5672
Android (android.graphics.Color)	4279914248 (0xFF1A4F08)
YUV	55.0590, -23.2001, -25.4847
Hunter-Lab	24.1435, -18.1061, 13.9960

Details

The Hex color **1A4F08** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **3D084F**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **4E8139**, and **002300** is the 20% darker color. If you saturate the color by 10%, you get **144F00**, and if you desaturate by 10%, it is **204F10**.

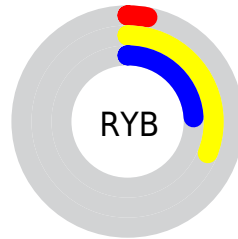
Distribution



Red (10%)

Green (31%)

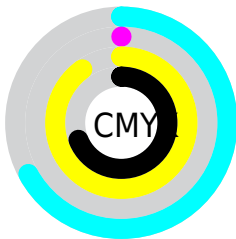
Blue (3%)



Red (3%)

Yellow (31%)

Blue (24%)

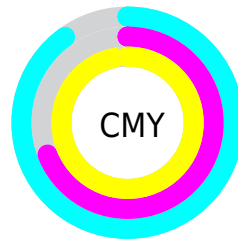


Cyan (67%)

Magenta (0%)

Yellow (90%)

Black (69%)



Cyan (90%)

Magenta (69%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A4F08 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 1A4F08 by changing the saturation by 10% instead.



1A4F08



1A4F08



FFFFFF2



003700



4E8139



002300



689B51



000000



82B66A



9DD284



B9EE9F



D5FFBA



F2FFD6



1A4F08



1A4F08

■ 144F00

■ 204F10

■ 264F18

■ 2C4F20

■ 324F28

■ 374F30

■ 3D4F37

■ 434F3F

■ 494F47

■ 4F4F4F

Harmonies

Analogous

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



464800



1A4F08



00532F

Triad

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



1A4F08



004E88



821C36

Complementary

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



1A4F08



3D084F

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.



79205A



1A4F08



00438A

Square

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



1A4F08



005374



593378



792A15

Rectangle

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



1A4F08



005447



593378



811A42

Sweetspot

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



1A4F08



51664A



4F3C08



273323



B3B3B3



333333

Same Dimension

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



1A4F08



1A6600



084F19



232622



3AE600

Inverse Universe

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



3D084F



4C0066



4F083E



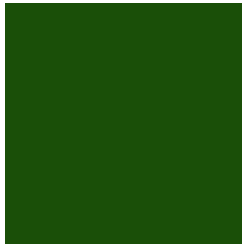
252226



AB00E6

Previews

White Background



This preview shows how the Hex color 1A4F08 looks on a white background.

Color Contrast Check

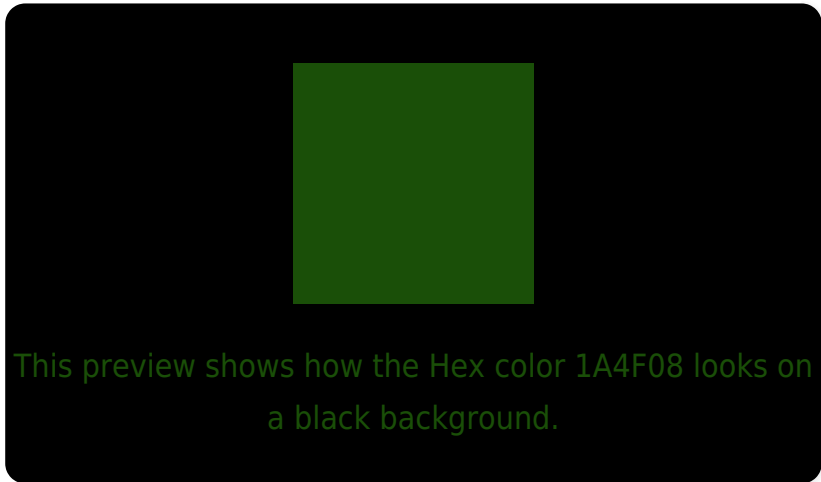
Large Text (above 18pt) WCAG AA ✓ Pass

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

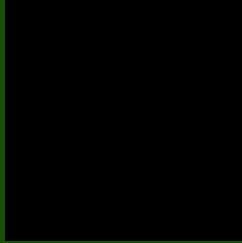
Any Text WCAG AA × Fail

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 1A4F08 Background



This preview shows how black text looks on a background with the Hex color 1A4F08.



This preview shows how white text looks on a background with the Hex color 1A4F08.

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](#).

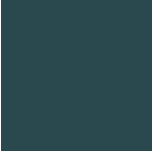
Dichromacy



Original Color
1A4F08

Protanopia
4D4402

Deuteranopia
564112



Tritanopia
29494F

Trichromacy



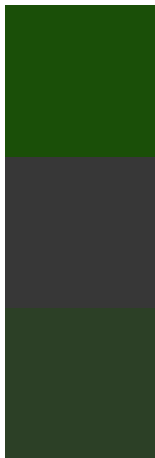
Original Color
1A4F08

Protanomaly
3A4804

Deuteranomaly
40460E

Tritanomaly
244B35

Monochromacy



Original Color
1A4F08

Achromatopsia
373737

Achromatomaly
2C4026

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A4F08 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 #1A4F08 looks like.

```
.text, #text, p{  
    color:#1A4F08  
}
```

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 #1A4F08 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A4F08  
}
```

Border

The CSS property to change the border of an element to Hex 1A4F08 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".

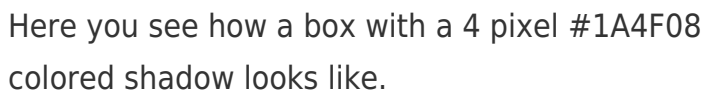
```
.border, #border, table{ border:4px solid  
#1A4F08 }
```

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

```
.border{ border-color:#1A4F08 }
```

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

Here you see how a box with a 4 pixel #1A4F08 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A4F08; -webkit-box-shadow:4px 4px  
4px 4px #1A4F08; box-shadow:4px 4px 4px  
4px #1A4F08 }
```

Background

The CSS property to change the background color of an element to Hex 1A4F08 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A4F08 }
```

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

```
.background{ background-color:#1A4F08 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor