

Converting Colors

Hex(1A5B12)

Have a look what the booklet for
Hex(1A5B12) contains.

Hex(1A5B12)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1A5B12)

Conversions

Conversions Part 1

Format	Color
Hex	1A5B12
RGB	26, 91, 18
RGB Percent	10%, 36%, 7%
CMY	0.8980, 0.6431, 0.9294
CMYK	0.71, 0.00, 0.80, 0.64
HSL	113°, 67%, 21%
HSV	113°, 80%, 36%
XYZ	4.2763, 7.7455, 1.8419
YIQ	63.2430, -15.3070, -36.4830

Conversions

Conversions Part 2

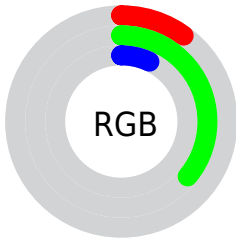
Format	Color
RYB	18, 91, 83
Decimal	1727250
CIELab	33.45, -35.30, 33.91
CIElCh	33, 48.951, 136.149
Yxy	7.7455, 0.3085, 0.5587
Android (android.graphics.Color)	4279917330 (0xFF1A5B12)
YUV	63.2430, -22.3048, -32.6621
Hunter-Lab	27.8307, -21.2766, 15.5575

Details

The Hex color **1A5B12** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **53125B**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **508E42**, and **002C00** is the 20% darker color. If you saturate the color by 10%, you get **125B09**, and if you desaturate by 10%, it is **225B1B**.

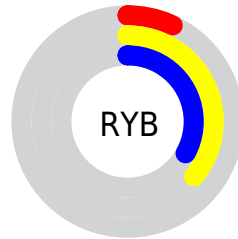
Distribution



Red (10%)

Green (36%)

Blue (7%)



Red (7%)

Yellow (36%)

Blue (33%)

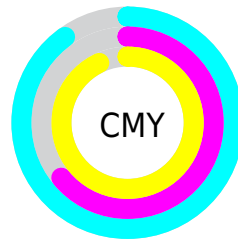


Cyan (71%)

Magenta (0%)

Yellow (80%)

Black (64%)



Cyan (90%)

Magenta (64%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A5B12 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 1A5B12 by changing the saturation by 10% instead.



1A5B12



1A5B12

FFFFFFE



004300



508E42



002C00



6BA95B



001400



85C474



000000



A1E08E



BCFDA9



D9FFC5



F6FFE1



1A5B12



1A5B12

■ 125B09

■ 225B1B

■ 0A5B00

■ 2A5B24

■ 325B2D

■ 3A5B36

■ 435B40

■ 4B5B49

■ 535B52

■ 5B5B5B

■ 635B64

Harmonies

Analogous

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



4C5300



1A5B12



005F3B

Triad

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



1A5B12



00589A



93243C

Complementary

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



1A5B12



53125B

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.



8A2762



1A5B12



1B4C9A

Square

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



1A5B12



005E86



6A3A85



873417

Rectangle

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



1A5B12



006056



6A3A85



922248

Sweetspot

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



1A5B12



5C7559



5B5212



2C3B2A



BABABA



3B3B3B

Same Dimension

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



1A5B12



117505



125B2E



2A2E29



0C6E00



1AED00

Inverse Universe

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



53125B



690575



5B123F



2D292E



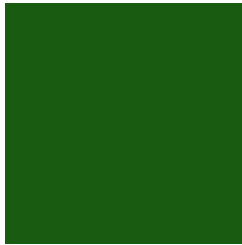
62006E



D300ED

Previews

White Background



This preview shows how the Hex color 1A5B12 looks on a white background.

Color Contrast Check

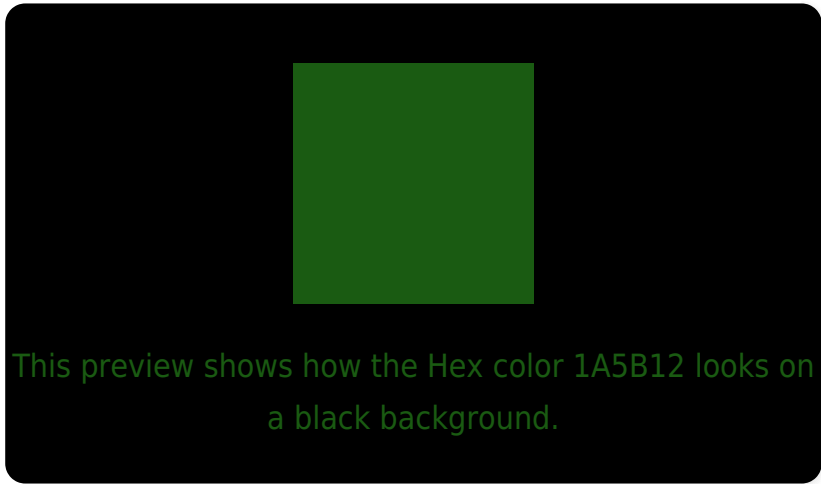
Large Text (above 18pt) WCAG AA ✓ Pass

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

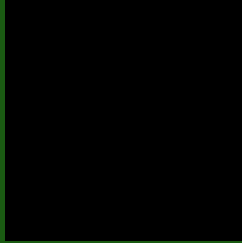
Any Text WCAG AA × Fail

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 1A5B12 Background



This preview shows how black text looks on a background with the Hex color 1A5B12.



This preview shows how white text looks on a background with the Hex color 1A5B12.

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
1A5B12

Protanopia
584F0F

Deuteranopia
624B1A

Trichromacy



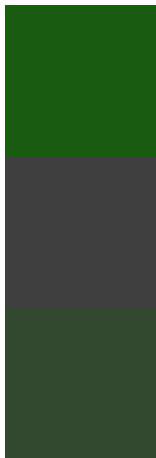
Original Color
1A5B12

Protanomaly
415310

Deuteranomaly
485117

Tritanomaly
265741

Monochromacy



Original Color
1A5B12

Achromatopsia
3F3F3F

Achromatomaly
32492F

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A5B12 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 #1A5B12 looks like.

```
.text, #text, p{  
    color:#1A5B12  
}
```

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 #1A5B12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A5B12
}
```

Border

The CSS property to change the border of an element to Hex 1A5B12 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".

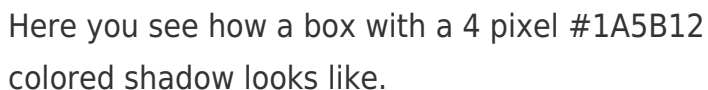
```
.border, #border, table{ border:4px solid
#1A5B12 }
```

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

```
.border{ border-color:#1A5B12 }
```

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

Here you see how a box with a 4 pixel #1A5B12 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A5B12; -webkit-box-shadow:4px 4px  
4px 4px #1A5B12; box-shadow:4px 4px 4px  
4px #1A5B12 }
```

Background

The CSS property to change the background color of an element to Hex 1A5B12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A5B12 }
```

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

```
.background{ background-color:#1A5B12 }
```

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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