

Converting Colors

Hex(1A6D11)

Have a look what the booklet for
Hex(1A6D11) contains.

Hex(1A6D11)	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(1A6D11)

Conversions

Conversions Part 1

Format	Color
Hex	1A6D11
RGB	26, 109, 17
RGB Percent	10%, 43%, 7%
CMY	0.8980, 0.5725, 0.9333
CMYK	0.76, 0.00, 0.84, 0.57
HSL	114°, 73%, 25%
HSV	114°, 84%, 43%
XYZ	5.9958, 11.1974, 2.3756
YIQ	73.6950, -19.9360, -46.2080

Conversions

Conversions Part 2

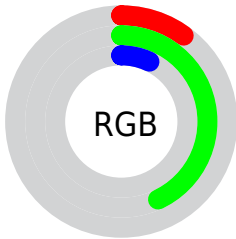
Format	Color
RYB	17, 109, 100
Decimal	1731857
CIELab	39.91, -41.96, 40.51
CIELCh	40, 58.322, 136.003
Yxy	11.1974, 0.3064, 0.5722
Android (android.graphics.Color)	4279921937 (0xFF1A6D11)
YUV	73.6950, -27.9506, -41.8285
Hunter-Lab	33.4625, -26.5756, 19.2145

Details

The Hex color **1A6D11** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **64116D**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **55A245**, and **003C00** is the 20% darker color. If you saturate the color by 10%, you get **106D06**, and if you desaturate by 10%, it is **246D1C**.

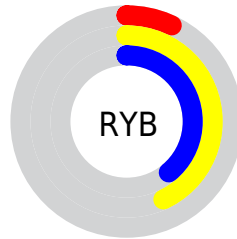
Distribution



Red (10%)

Green (43%)

Blue (7%)



Red (7%)

Yellow (43%)

Blue (39%)

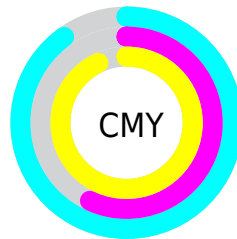


Cyan (76%)

Magenta (0%)

Yellow (84%)

Black (57%)



Cyan (90%)

Magenta (57%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A6D11 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 1A6D11 by changing the saturation by 10% instead.

 1A6D11

 1A6D11

FFFFFF

 005400

 55A245

 003C00

 70BD5E

 002700

 8CD978

 000000

 A8F692

 C4FFAD

 E1FFC9

 FFFFE6

 1A6D11

 1A6D11

■ 106D06

■ 246D1C

■ 0B6D00

■ 2E6D27

■ 386D32

■ 416D3D

■ 4B6D47

■ 556D52

■ 5F6D5D

■ 696D68

■ 736D73

Harmonies

Analogous

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



5B6400



1A6D11



007245

Triad

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



1A6D11



006ABB



B12747

Complementary

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



1A6D11



64116D

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.



A72A76



1A6D11



125BBB

Square

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



1A6D11



0071A2



7F44A1



A33D19

Rectangle

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



1A6D11



007367



7F44A1



B02457

Sweetspot

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



1A6D11



6F8F6B



6D6411



344732



C7C7C7



474747

Same Dimension

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



1A6D11



0E8F00



116D36



313630



0B7500



18F500

Inverse Universe

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



64116D



81008F



6D1148



353036



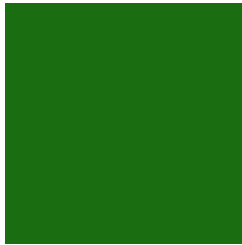
6A0075



DD00F5

Previews

White Background



This preview shows how the Hex color 1A6D11 looks on a white background.

Color Contrast Check

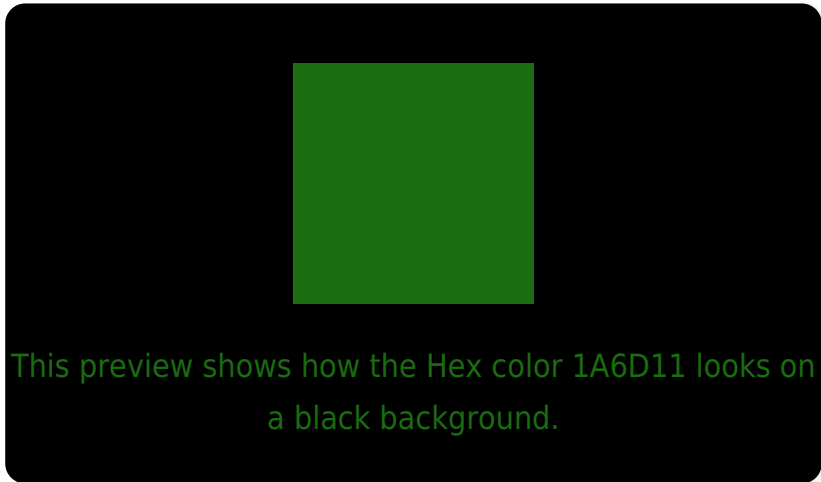
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

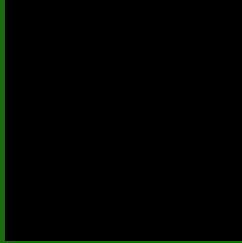
Any Text WCAG AA × Fail

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 1A6D11 Background



This preview shows how black text looks on a background with the Hex color 1A6D11.



This preview shows how white text looks on a background with the Hex color 1A6D11.

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
1A6D11

Protanopia
6A5E0D

Deuteranopia
75591C



Tritanopia
33656E

Trichromacy



Original Color
1A6D11



Protanomaly
4D630E



Deuteranomaly
546018



Tritanomaly
2A684C

Monochromacy



Original Color
1A6D11



Achromatopsia
4A4A4A



Achromatomaly
395735

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A6D11 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 #1A6D11 looks like.

```
.text, #text, p{  
    color:#1A6D11  
}
```

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 #1A6D11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A6D11
}
```

Border

The CSS property to change the border of an element to Hex 1A6D11 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
#1A6D11 }
```

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

```
.border{ border-color:#1A6D11 }
```

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

Here you see how a box with a 4 pixel #1A6D11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A6D11; -webkit-box-shadow:4px 4px  
4px 4px #1A6D11; box-shadow:4px 4px 4px  
4px #1A6D11 }
```

Background

The CSS property to change the background color of an element to Hex 1A6D11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A6D11 }
```

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

```
.background{ background-color:#1A6D11 }
```

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