

Converting Colors

Hex(1A6D23)

Have a look what the booklet for
Hex(1A6D23) contains.

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Color

Hex(1A6D23)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 1A6D23 |
| RGB | 26, 109, 35 |
| RGB Percent | 10%, 43%, 14% |
| CMY | 0.8980, 0.5725, 0.8627 |
| CMYK | 0.76, 0.00, 0.68, 0.57 |
| HSL | 127°, 61%, 26% |
| HSV | 127°, 76%, 43% |
| XYZ | 6.1980, 11.2782, 3.4404 |
| YIQ | 75.7470, -25.7140, -40.6100 |

Conversions

Conversions Part 2

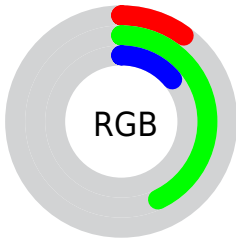
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 26, 101, 109 |
| Decimal | 1731875 |
| CIE Lab | 40.05, -40.32, 33.40 |
| CIE LCh | 40, 52.359, 140.362 |
| Yxy | 11.2782, 0.2963, 0.5392 |
| Android (android.graphics.Color) | 4279921955 (0xFF1A6D23) |
| YUV | 75.7470, -20.0883, -43.6281 |
| Hunter-Lab | 33.5831, -25.8269, 17.4343 |

Details

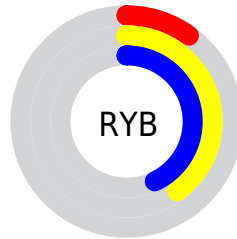
The Hex color **1A6D23** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **6D1A64**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **54A153**, and **003C00** is the 20% darker color. If you saturate the color by 10%, you get **0F6D19**, and if you desaturate by 10%, it is **256D2D**.

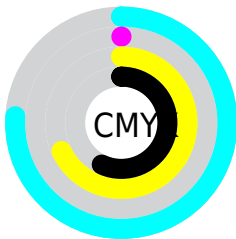
Distribution



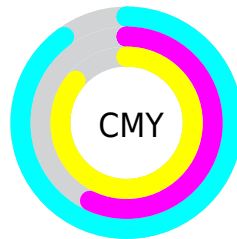
- Red (10%)
- Green (43%)
- Blue (14%)



- Red (10%)
- Yellow (40%)
- Blue (43%)



- Cyan (76%)
- Magenta (0%)
- Yellow (68%)
- Black (57%)



- Cyan (90%)
- Magenta (57%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A6D23 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 1A6D23 by changing the saturation by 10% instead.

 1A6D23

 1A6D23

FFFFFF

 00540A

 54A153

 003C00

 6FBD6C

 002700

 8BD986

 000000

 A6F6A1

 C3FFBC

 DFFFD8

 FFFFF5

 1A6D23

 1A6D23

■ 0F6D19

■ 256D2D

■ 046D10

■ 306D36

■ 006D0C

■ 3B6D40

■ 466D4A

■ 516D54

■ 5B6D5D

■ 666D67

■ 716D71

■ 7C6D7A

Harmonies

Analogous

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



566500



1A6D23



00714F

Triad

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



1A6D23



0067B3



A93343

Complementary

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



1A6D23



6D1A64

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.



A3326E



1A6D23



3E59AF

Square

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



1A6D23



006FA0



844596



9B451C

Rectangle

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



1A6D23



00726D



844596



AA3051

Sweetspot

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



1A6D23



6E8F72



656D1A



334736



C7C7C7



474747

Same Dimension

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



1A6D23



0D8F1B



1A6D4C



303631



00750D



00F51B

Inverse Universe

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



6D1A64



8F0D81



6D1A3B



363035



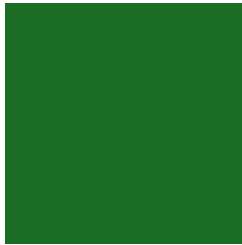
750069



F500DA

Previews

White Background



This preview shows how the Hex color 1A6D23 looks on a white background.

Color Contrast Check

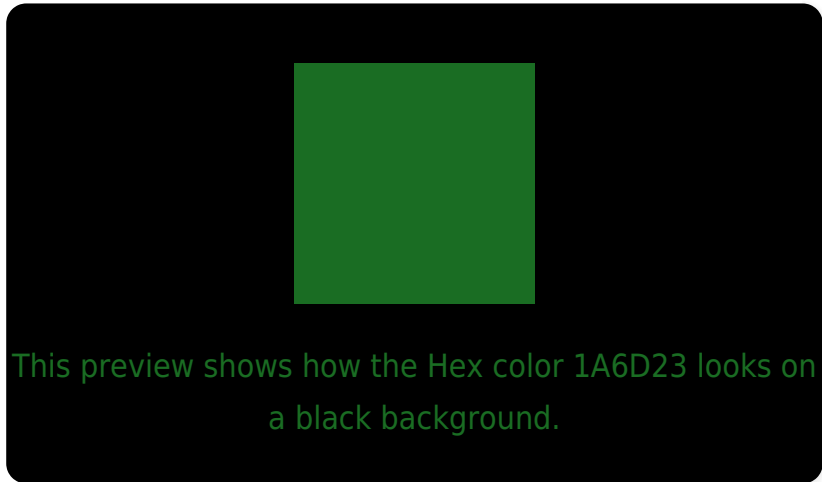
Large Text (above 18pt) WCAG AA ✓ Pass

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

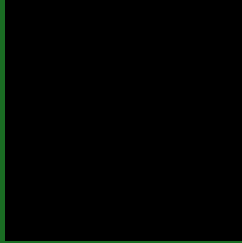
Any Text WCAG AA × Fail

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 1A6D23 Background



This preview shows how black text looks on a background with the Hex color 1A6D23.



This preview shows how white text looks on a background with the Hex color 1A6D23.

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
1A6D23

Protanopia
695E1F

Deuteranopia
74592A



Tritanopia
32666E

Trichromacy



Original Color
1A6D23



Protanomaly
4C6320



Deuteranomaly
536027



Tritanomaly
296953

Monochromacy



Original Color
1A6D23



Achromatopsia
4C4C4C



Achromatomaly
3A583D

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A6D23 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 #1A6D23 looks like.

```
.text, #text, p{  
    color:#1A6D23  
}
```

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 #1A6D23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A6D23
}
```

Border

The CSS property to change the border of an element to Hex 1A6D23 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".

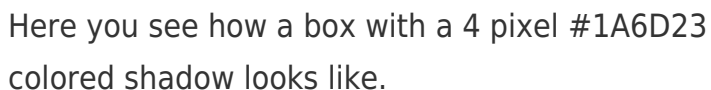
```
.border, #border, table{ border:4px solid
#1A6D23 }
```

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

```
.border{ border-color:#1A6D23 }
```

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

Here you see how a box with a 4 pixel #1A6D23 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A6D23; -webkit-box-shadow:4px 4px  
4px 4px #1A6D23; box-shadow:4px 4px 4px  
4px #1A6D23 }
```

Background

The CSS property to change the background color of an element to Hex 1A6D23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A6D23 }
```

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

```
.background{ background-color:#1A6D23 }
```

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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