

# Converting Colors

Hex(1A6210)

Have a look what the booklet for  
Hex(1A6210) contains.

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# Color

**Hex(1A6210)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1A6210
RGB	26, 98, 16
RGB Percent	10%, 38%, 6%
CMY	0.8980, 0.6157, 0.9373
CMYK	0.73, 0.00, 0.84, 0.62
HSL	113°, 72%, 22%
HSV	113°, 84%, 38%
XYZ	4.8872, 8.9924, 1.9683
YIQ	67.1240, -16.5900, -40.7660

# Conversions

## Conversions Part 2

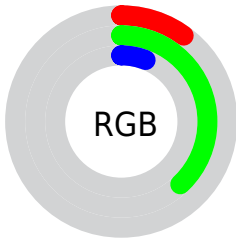
<b>Format</b>	<b>Color</b>
<b>RYB</b>	16, 98, 88
Decimal	1729040
CIELab	35.97, -38.08, 37.11
CIELCh	36, 53.173, 135.736
Yxy	8.9924, 0.3084, 0.5674
Android (android.graphics.Color)	4279919120 (0xFF1A6210)
YUV	67.1240, -25.2041, -36.0657
Hunter-Lab	29.9873, -23.3866, 17.0994

# Details

The Hex color **1A6210** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **581062**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **529642**, and **003200** is the 20% darker color. If you saturate the color by 10%, you get **116206**, and if you desaturate by 10%, it is **23621A**.

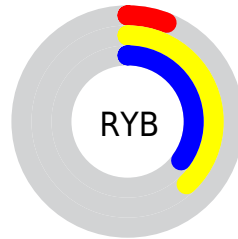
# Distribution



Red (10%)

Green (38%)

Blue (6%)



Red (6%)

Yellow (38%)

Blue (35%)

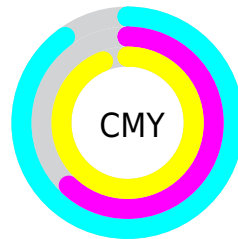


Cyan (73%)

Magenta (0%)

Yellow (84%)

Black (62%)



Cyan (90%)

Magenta (62%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1A6210 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 1A6210 by changing the saturation by 10% instead.



 1A6210

 1A6210

FFFFFFE

 004A00

 529642

 003200

 6DB15B

 001D00

 88CC74

 000000

 A4E98F

 C0FFA9

 DCFFC5

 FAFFE1

 1A6210

 1A6210

■ 116206

■ 23621A

■ 0C6200

■ 2B6224

■ 34622D

■ 3C6237

■ 456241

■ 4E624B

■ 566255

■ 5F625E

■ 676268

# Harmonies

## Analogous

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



525A00



1A6210



00663E

# Triad

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



1A6210



005FA8



9F2440

# Complementary

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



1A6210



581062

# 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.



96276B



1A6210



1352A7

# Square

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



1A6210



006691



723E91



933718

# Rectangle

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



1A6210



00675C



723E91



9F224E



# Sweetspot

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



1A6210



648060



625710



2F402D



BFBFBF



404040



# Same Dimension

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



1A6210



108000



10622E



2C302C



0E7000



1DF000



# Inverse Universe

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



581062



700080



621044



302C30



630070

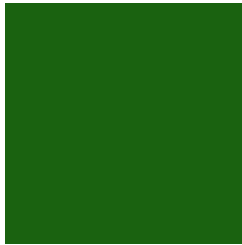


D200F0



# Previews

## White Background



This preview shows how the Hex color 1A6210 looks on a white background.

## Color Contrast Check

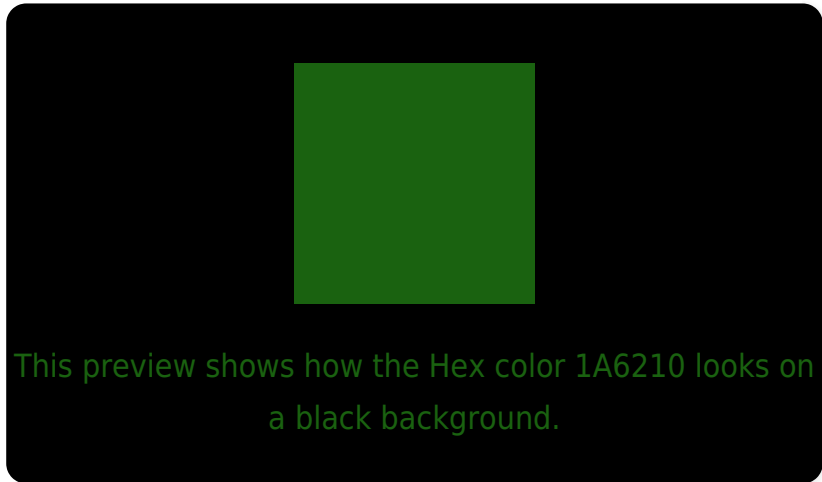
Large Text (above 18pt) WCAG AA ✓ Pass

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

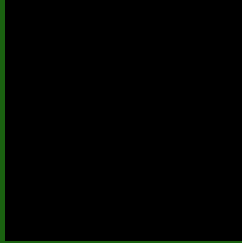
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1A6210 Background



This preview shows how black text looks on a background with the Hex color 1A6210.



This preview shows how white text looks on a background with the Hex color 1A6210.

# 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**  
1A6210

**Protanopia**  
5F550C

**Deuteranopia**  
6A501A



**Tritanopia**  
2F5B63

# Trichromacy



**Original Color**  
1A6210

**Protanomaly**  
465A0D

**Deuteranomaly**  
4D5716

**Tritanomaly**  
275E45

# Monochromacy



**Original Color**  
1A6210

**Achromatopsia**  
434343

**Achromatomaly**  
344E30

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1A6210 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 #1A6210 looks like.

```
.text, #text, p{  
    color:#1A6210  
}
```

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 #1A6210 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A6210
}
```

## Border

The CSS property to change the border of an element to Hex 1A6210 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".

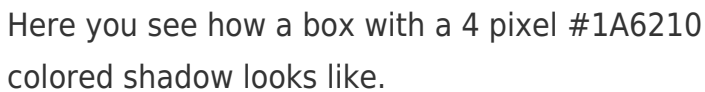
```
.border, #border, table{ border:4px solid
#1A6210 }
```

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

```
.border{ border-color:#1A6210 }
```

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

Here you see how a box with a 4 pixel #1A6210 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 #1A6210; -webkit-box-shadow:4px 4px  
4px 4px #1A6210; box-shadow:4px 4px 4px  
4px #1A6210 }
```

# Background

The CSS property to change the background color of an element to Hex 1A6210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A6210 }
```

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

```
.background{ background-color:#1A6210 }
```

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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