

# Converting Colors

Hex(1D7421)

Have a look what the booklet for  
Hex(1D7421) contains.

<b>Hex(1D7421)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(1D7421)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1D7421
RGB	29, 116, 33
RGB Percent	11%, 45%, 13%
CMY	0.8863, 0.5451, 0.8706
CMYK	0.75, 0.00, 0.72, 0.55
HSL	123°, 60%, 28%
HSV	123°, 75%, 45%
XYZ	7.0266, 12.8618, 3.5511
YIQ	80.5250, -25.2090, -44.2570

# Conversions

## Conversions Part 2

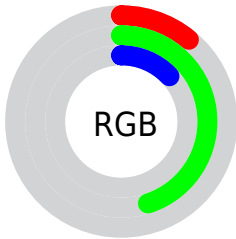
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	29, 112, 116
Decimal	1930273
CIE <sub>Lab</sub>	42.55, -42.54, 37.06
CIE <sub>LCh</sub>	43, 56.417, 138.942
Yxy	12.8618, 0.2998, 0.5487
Android (android.graphics.Color)	4280120353 (0xFF1D7421)
YUV	80.5250, -23.4298, -45.1874
Hunter-Lab	35.8633, -27.7879, 19.2336

# Details

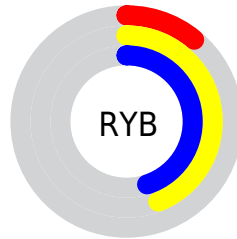
The Hex color **1D7421** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **741D70**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **58A952**, and **004200** is the 20% darker color. If you saturate the color by 10%, you get **117416**, and if you desaturate by 10%, it is **29742C**.

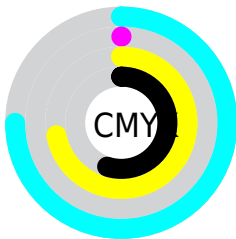
# Distribution



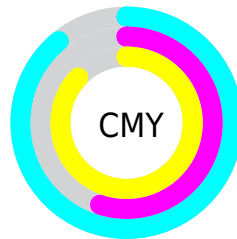
- Red (11%)
- Green (45%)
- Blue (13%)



- Red (11%)
- Yellow (44%)
- Blue (45%)



- Cyan (75%)
- Magenta (0%)
- Yellow (72%)
- Black (55%)



- Cyan (89%)
- Magenta (55%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1D7421 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 1D7421 by changing the saturation by 10% instead.



 1D7421

 1D7421

FFFFFF

 005B05

 58A952

 004200

 73C56B

 002C00

 8FE185

 001000

 ABFEA0

 000000

 C7FFBC

 E5FFD8

 FFFFF4

 1D7421

 1D7421

■ 117416

■ 29742C

■ 06740B

■ 347437

■ 007405

■ 407442

■ 4B744D

■ 577458

■ 637463

■ 6E746E

■ 7A747A

■ 857485

# Harmonies

## Analogous

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



5E6B00



1D7421



007851

# Triad

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



1D7421



006FC0



B63449

# Complementary

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



1D7421



741D70

# 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.



AE3478



1D7421



3A60BD

# Square

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



1D7421



0077AA



8A49A2



A7471E

# Rectangle

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



1D7421



007972



8A49A2



B63159



# Sweetspot

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



1D7421



749675



71741D



374D38



CCCCCC



4D4D4D



# Same Dimension

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



1D7421



0F9615



1D744B



353B35



007A06



00FA0B



# Inverse Universe

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



741D70



960F90



741D46



3B353A



7A0075

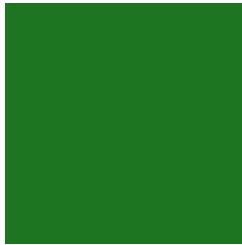


FA00EE



# Previews

## White Background



This preview shows how the Hex color 1D7421 looks on a white background.

## Color Contrast Check

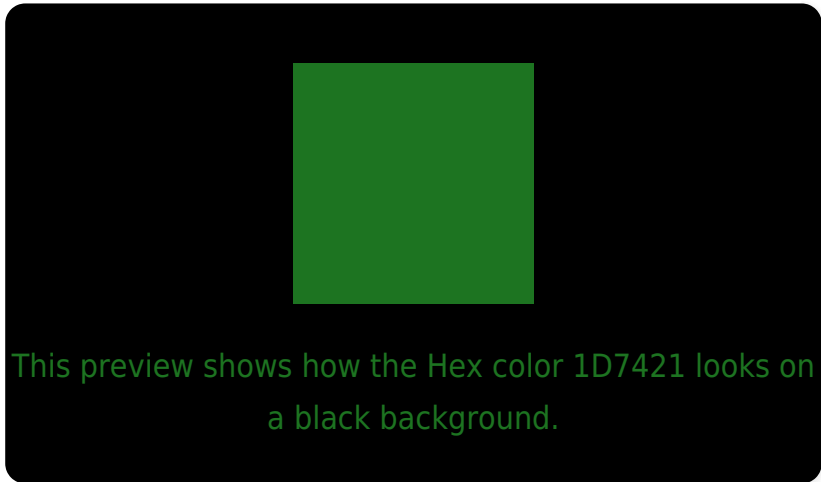
Large Text (above 18pt) WCAG AA ✓ Pass

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 1D7421 Background



This preview shows how black text looks on a background with the Hex color 1D7421.



This preview shows how white text looks on a background with the Hex color 1D7421.

# 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**  
1D7421

**Protanopia**  
70641D

**Deuteranopia**  
7C5F29



**Tritanopia**  
366C75

# Trichromacy



**Original Color**  
1D7421



**Protanomaly**  
526A1E



**Deuteranomaly**  
596726



**Tritanomaly**  
2D6F56

# Monochromacy



**Original Color**  
1D7421



**Achromatopsia**  
515151



**Achromatomaly**  
3E5E40

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1D7421 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 #1D7421 looks like.

```
.text, #text, p{  
    color:#1D7421  
}
```

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 #1D7421 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D7421
}
```

## Border

The CSS property to change the border of an element to Hex 1D7421 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
#1D7421 }
```

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

```
.border{ border-color:#1D7421 }
```

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

Here you see how a box with a 4 pixel #1D7421 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D7421; -webkit-box-shadow:4px 4px  
4px 4px #1D7421; box-shadow:4px 4px 4px  
4px #1D7421 }
```

# Background

The CSS property to change the background color of an element to Hex 1D7421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D7421 }
```

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

```
.background{ background-color:#1D7421 }
```

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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