

Converting Colors

Hex(1A7217)

Have a look what the booklet for
Hex(1A7217) contains.

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Color

Hex(1A7217)

Conversions

Conversions Part 1

Format	Color
Hex	1A7217
RGB	26, 114, 23
RGB Percent	10%, 45%, 9%
CMY	0.8980, 0.5529, 0.9098
CMYK	0.77, 0.00, 0.80, 0.55
HSL	118°, 66%, 27%
HSV	118°, 80%, 45%
XYZ	6.5980, 12.3161, 2.8401
YIQ	77.3140, -23.2370, -46.9570

Conversions

Conversions Part 2

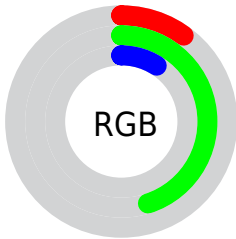
Format	Color
R_{YB}	23, 114, 111
Decimal	1733143
CIE Lab	41.71, -43.28, 40.19
CIE LCh	42, 59.062, 137.115
Yxy	12.3161, 0.3033, 0.5661
Android (android.graphics.Color)	4279923223 (0xFF1A7217)
YUV	77.3140, -26.7768, -45.0024
Hunter-Lab	35.0943, -27.8558, 19.7678

Details

The Hex color **1A7217** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **6F1772**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **56A74A**, and **004000** is the 20% darker color. If you saturate the color by 10%, you get **0F720C**, and if you desaturate by 10%, it is **257222**.

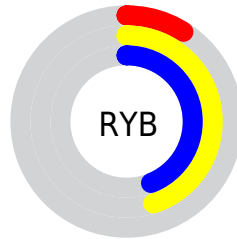
Distribution



Red (10%)

Green (45%)

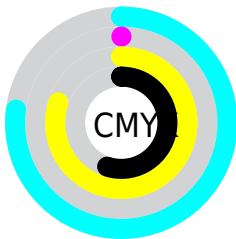
Blue (9%)



Red (9%)

Yellow (45%)

Blue (44%)

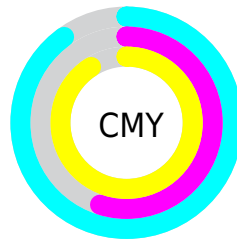


Cyan (77%)

Magenta (0%)

Yellow (80%)

Black (55%)



Cyan (90%)

Magenta (55%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A7217 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 1A7217 by changing the saturation by 10% instead.



1A7217



1A7217

FFFFFF



005900



56A74A



004000



72C263



002B00



8DDF7D



000C00



A9FC97



000000



C6FFB3



E3FFCF



FFFFEB



1A7217



1A7217

■ 0F720C

■ 257222

■ 047200

■ 30722E

■ 3B7239

■ 467245

■ 517250

■ 5C725B

■ 677267

■ 727272

■ 7D727E

Harmonies

Analogous

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



5D6900



1A7217



00774B

Triad

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



1A7217



006EC2



B72C49

Complementary

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



1A7217



6F1772

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.



AE2E79



1A7217



245FC0

Square

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



1A7217



0076A9



8647A5



A8421B

Rectangle

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



1A7217



00786D



8647A5



B72859

Sweetspot

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



1A7217



729470



726F17



354A35



C9C9C9



4A4A4A

Same Dimension

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



1A7217



0B9406



177241



333832



047800



08F700

Inverse Universe

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



6F1772



8F0694



721748



383238



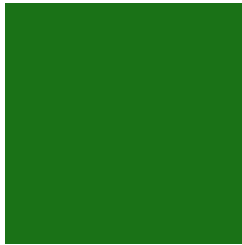
740078



EF00F7

Previews

White Background



This preview shows how the Hex color 1A7217 looks on a white background.

Color Contrast Check

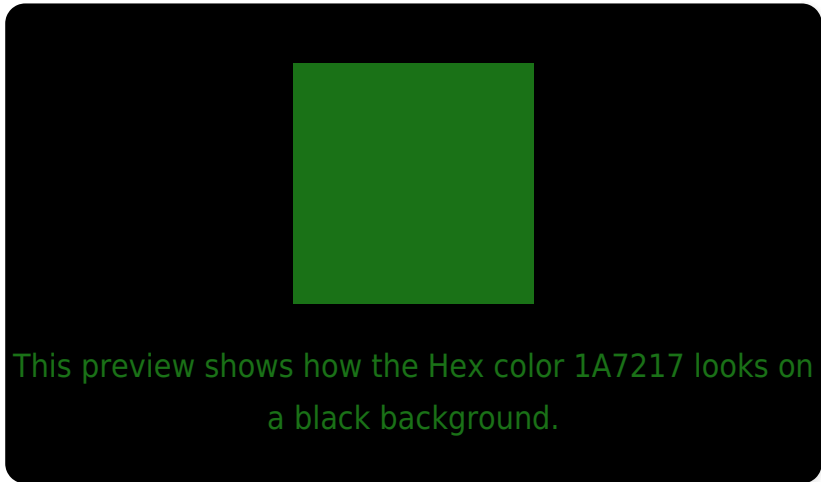
Large Text (above 18pt) WCAG AA ✓ Pass

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

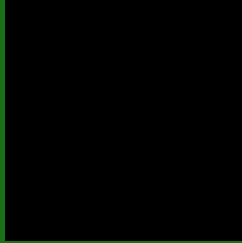
Any Text WCAG AA × Fail

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 1A7217 Background



This preview shows how black text looks on a background with the Hex color 1A7217.



This preview shows how white text looks on a background with the Hex color 1A7217.

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
1A7217

Protanopia
6E6213

Deuteranopia
7B5D21



Tritanopia
356A73

Trichromacy



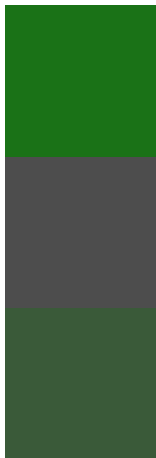
Original Color
1A7217

Protanomaly
4F6814

Deuteranomaly
58651D

Tritanomaly
2B6D52

Monochromacy



Original Color
1A7217

Achromatopsia
4D4D4D

Achromatomaly
3A5A39

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A7217 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 #1A7217 looks like.

```
.text, #text, p{  
    color:#1A7217  
}
```

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 #1A7217 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A7217
}
```

Border

The CSS property to change the border of an element to Hex 1A7217 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
#1A7217 }
```

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

```
.border{ border-color:#1A7217 }
```

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

Here you see how a box with a 4 pixel #1A7217 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A7217; -webkit-box-shadow:4px 4px  
4px 4px #1A7217; box-shadow:4px 4px 4px  
4px #1A7217 }
```

Background

The CSS property to change the background color of an element to Hex 1A7217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A7217 }
```

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

```
.background{ background-color:#1A7217 }
```

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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