

Converting Colors

Hex(22571A)

Have a look what the booklet for
Hex(22571A) contains.

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Color

Hex(22571A)

Conversions

Conversions Part 1

Format	Color
Hex	22571A
RGB	34, 87, 26
RGB Percent	13%, 34%, 10%
CMY	0.8667, 0.6588, 0.8980
CMYK	0.61, 0.00, 0.70, 0.66
HSL	112°, 54%, 22%
HSV	112°, 70%, 34%
XYZ	4.2543, 7.2311, 2.1488
YIQ	64.1990, -12.0070, -30.2070

Conversions

Conversions Part 2

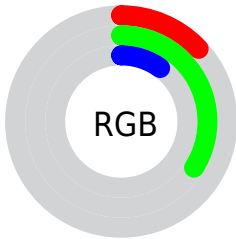
Format	Color
RYB	26, 87, 79
Decimal	2250522
CIELab	32.33, -30.78, 29.28
CIELCh	32, 42.478, 136.434
Yxy	7.2311, 0.3120, 0.5304
Android (android.graphics.Color)	4280440602 (0xFF22571A)
YUV	64.1990, -18.8321, -26.4845
Hunter-Lab	26.8906, -18.8183, 14.0857

Details

The Hex color **22571A** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4F1A57**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **558949**, and **002900** is the 20% darker color. If you saturate the color by 10%, you get **1A5711**, and if you desaturate by 10%, it is **2A5723**.

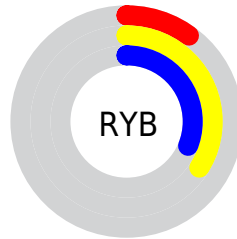
Distribution



Red (13%)

Green (34%)

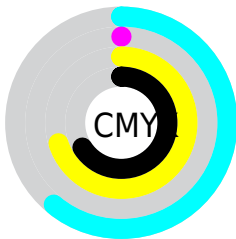
Blue (10%)



Red (10%)

Yellow (34%)

Blue (31%)

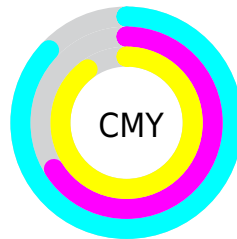


Cyan (61%)

Magenta (0%)

Yellow (70%)

Black (66%)



Cyan (87%)

Magenta (66%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22571A 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 22571A by changing the saturation by 10% instead.

 22571A

 22571A


FFFFFF

 043F02

 558949

 002900

 6FA461

 000F00

 89BF7A

 000000

 A4DB95

 C0F8AF

 DCFFCB

 F9FFE7

 22571A

 22571A

■ 1A5711

■ 2A5723

■ 135709

■ 31572B

■ 0B5700

■ 395734

■ 40573D

■ 485746

■ 4F574E

■ 575757

■ 5E5760

■ 665768

Harmonies

Analogous

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



4B5000



22571A



005B3B

Triad

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



22571A



00548D



882B3B

Complementary

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



22571A



4F1A57

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.



802C5D



22571A



2A4A8D

Square

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



22571A



005A7C



643A7B



7E371C

Rectangle

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



22571A



005B53



643A7B



872946

Sweetspot

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



22571A



5C7059



574F1A



2C382A



B8B8B8



383838

Same Dimension

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



22571A



1E7012



1A5730



282B27



0E6B00



1FEB00

Inverse Universe

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



4F1A57



641270



571A41



2B272B



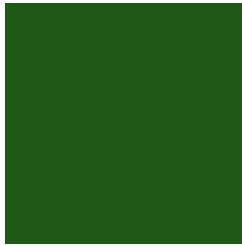
5D006B



CC00EB

Previews

White Background



This preview shows how the Hex color 22571A looks on a white background.

Color Contrast Check

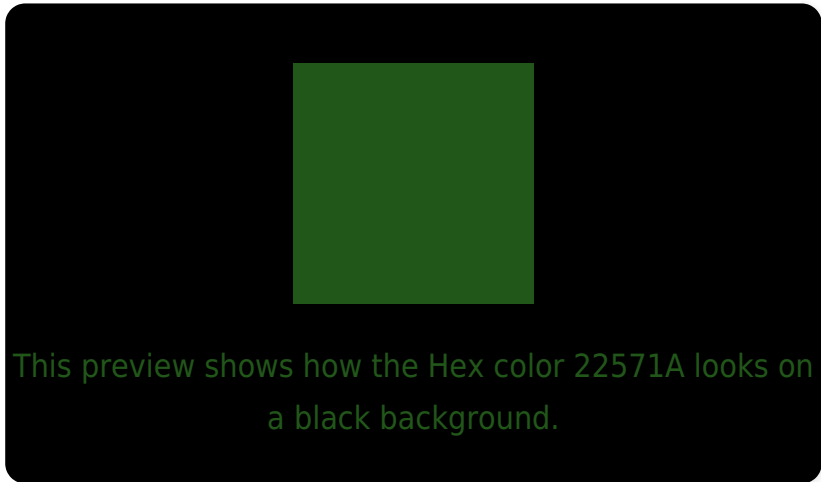
Large Text (above 18pt) WCAG AA ✓ Pass

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

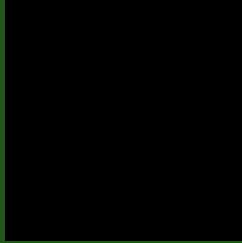
Any Text WCAG AA × Fail

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 22571A Background



This preview shows how black text looks on a background with the Hex color 22571A.



This preview shows how white text looks on a background with the Hex color 22571A.

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
22571A

Protanopia
554C17

Deuteranopia
5E481F



Tritanopia
305158

Trichromacy



Original Color
22571A

Protanomaly
425018

Deuteranomaly
484D1D

Tritanomaly
2B5341

Monochromacy



Original Color
22571A

Achromatopsia
404040

Achromatomaly
354832

CSS Examples

Text

The CSS property to change the color of the text to Hex 22571A 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 #22571A looks like.

```
.text, #text, p{  
    color:#22571A  
}
```

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 #22571A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22571A
}
```

Border

The CSS property to change the border of an element to Hex 22571A 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".

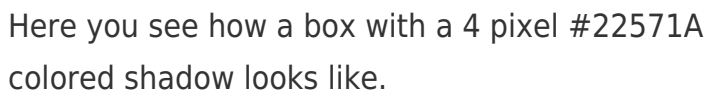
```
.border, #border, table{ border:4px solid
#22571A }
```

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

```
.border{ border-color:#22571A }
```

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

Here you see how a box with a 4 pixel #22571A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22571A; -webkit-box-shadow:4px 4px  
4px 4px #22571A; box-shadow:4px 4px 4px  
4px #22571A }
```

Background

The CSS property to change the background color of an element to Hex 22571A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22571A }
```

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

```
.background{ background-color:#22571A }
```

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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