

# Converting Colors

Hex(22631C)

Have a look what the booklet for  
Hex(22631C) contains.

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# Color

Hex(22631C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	22631C
RGB	34, 99, 28
RGB Percent	13%, 39%, 11%
CMY	0.8667, 0.6118, 0.8902
CMYK	0.66, 0.00, 0.72, 0.61
HSL	115°, 56%, 25%
HSV	115°, 72%, 39%
XYZ	5.3311, 9.3476, 2.6219
YIQ	71.4710, -15.9490, -35.8610

# Conversions

## Conversions Part 2

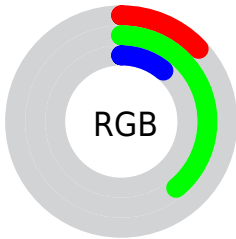
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	28, 99, 93
Decimal	2253596
CIE <sub>Lab</sub>	36.65, -35.52, 33.01
CIE <sub>LCh</sub>	37, 48.496, 137.098
Yxy	9.3476, 0.3081, 0.5403
Android (android.graphics.Color)	4280443676 (0xFF22631C)
YUV	71.4710, -21.4312, -32.8621
Hunter-Lab	30.5738, -22.3794, 16.3172

# Details

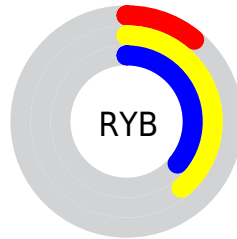
The Hex color **22631C** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **5D1C63**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **57974C**, and **003300** is the 20% darker color. If you saturate the color by 10%, you get **196312**, and if you desaturate by 10%, it is **2B6326**.

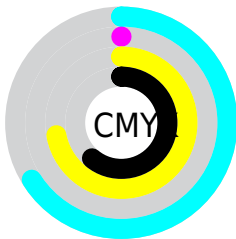
# Distribution



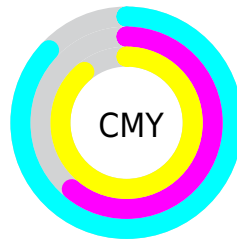
- Red (13%)
- Green (39%)
- Blue (11%)



- Red (11%)
- Yellow (39%)
- Blue (36%)



- Cyan (66%)
- Magenta (0%)
- Yellow (72%)
- Black (61%)



- Cyan (87%)
- Magenta (61%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 22631C 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 22631C by changing the saturation by 10% instead.



 22631C

 22631C

FFFFFF

 004B03

 57974C

 003300

 72B265

 001F00

 8DCD7E

 000000

 A8EA99

 C4FFB4

 E1FFCF

 FEF FEC

 22631C

 22631C

■ 196312

■ 2B6326

■ 106308

■ 346330

■ 086300

■ 3D633A

■ 466344

■ 4F634E

■ 586357

■ 616361

■ 6B636B

■ 746375

# Harmonies

## Analogous

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



535B00



22631C



006743

# Triad

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



22631C



0060A2



9B2E42

# Complementary

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



22631C



5D1C63

# 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.



933069



22631C



2E53A1

# Square

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



22631C



00668F



73418C



903D1D

# Rectangle

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



22631C



00685F



73418C



9B2C4F



# Sweetspot

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



22631C



668063



635C1C



31402F



BFBFBF



404040



# Same Dimension

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



22631C



1B8012



1C6338



2C302C



097000



14F000



# Inverse Universe

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



5D1C63



761280



631C47



302C30



670070

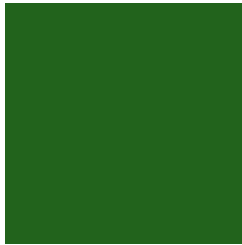


DB00F0



# Previews

## White Background



This preview shows how the Hex color 22631C looks on a white background.

## Color Contrast Check

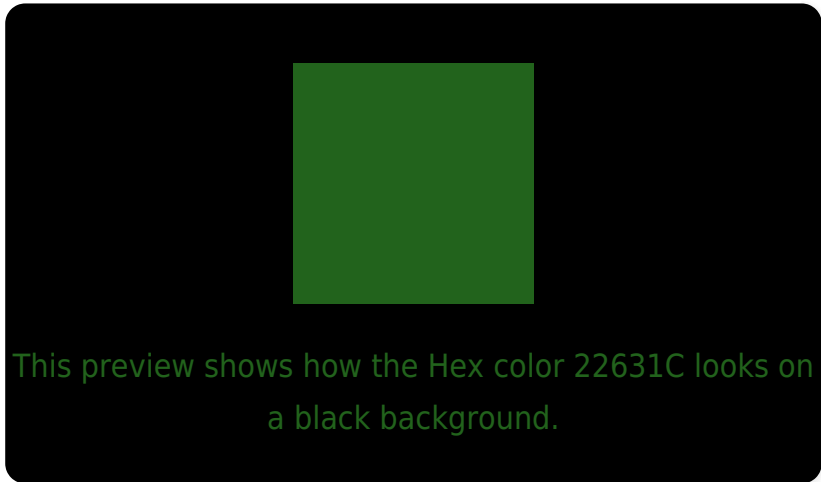
Large Text (above 18pt) WCAG AA ✓ Pass

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

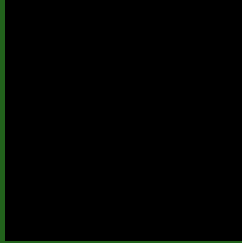
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 22631C Background



This preview shows how black text looks on a background with the Hex color 22631C.



This preview shows how white text looks on a background with the Hex color 22631C.

# 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**  
22631C

**Protanopia**  
605619

**Deuteranopia**  
6B5222



**Tritanopia**  
335C64

# Trichromacy



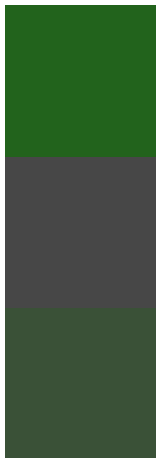
**Original Color**  
22631C

**Protanomaly**  
495B1A

**Deuteranomaly**  
505820

**Tritanomaly**  
2D5F4A

# Monochromacy



**Original Color**  
22631C

**Achromatopsia**  
474747

**Achromatomaly**  
3A5137

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 22631C 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 #22631C looks like.

```
.text, #text, p{  
    color:#22631C  
}
```

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 #22631C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22631C
}
```

## Border

The CSS property to change the border of an element to Hex 22631C 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
#22631C }
```

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

```
.border{ border-color:#22631C }
```

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

Here you see how a box with a 4 pixel #22631C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22631C; -webkit-box-shadow:4px 4px  
4px 4px #22631C; box-shadow:4px 4px 4px  
4px #22631C }
```

# Background

The CSS property to change the background color of an element to Hex 22631C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22631C }
```

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

```
.background{ background-color:#22631C }
```

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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