

# Converting Colors

Hex(21621C)

Have a look what the booklet for  
Hex(21621C) contains.

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# Color

Hex(21621C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	21621C
RGB	33, 98, 28
RGB Percent	13%, 38%, 11%
CMY	0.8706, 0.6157, 0.8902
CMYK	0.66, 0.00, 0.71, 0.62
HSL	116°, 56%, 25%
HSV	116°, 71%, 38%
XYZ	5.2045, 9.1425, 2.5890
YIQ	70.5850, -16.2700, -35.5500

# Conversions

## Conversions Part 2

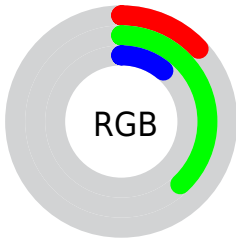
Format	Color
R <sub>Y</sub> B	28, 98, 93
Decimal	2187804
CIE Lab	36.26, -35.38, 32.59
CIE LCh	36, 48.101, 137.353
Yxy	9.1425, 0.3073, 0.5398
Android (android.graphics.Color)	4280377884 (0xFF21621C)
YUV	70.5850, -20.9944, -32.9620
Hunter-Lab	30.2366, -22.1898, 16.0890

# Details

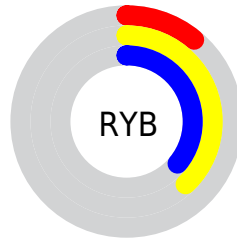
The Hex color **21621C** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **5D1C62**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **56954C**, and **003200** is the 20% darker color. If you saturate the color by 10%, you get **186212**, and if you desaturate by 10%, it is **2A6226**.

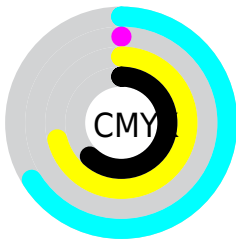
# Distribution



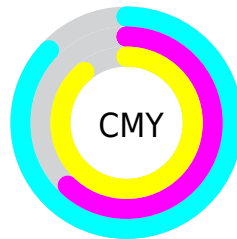
- Red (13%)
- Green (38%)
- Blue (11%)



- Red (11%)
- Yellow (38%)
- Blue (36%)



- Cyan (66%)
- Magenta (0%)
- Yellow (71%)
- Black (62%)




- Cyan (87%)
- Magenta (62%)
- Yellow (89%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 21621C 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 21621C by changing the saturation by 10% instead.



 21621C

 21621C

FFFFFF

 004A03

 56954C

 003200

 71B064

 001E00

 8CCC7E


 000000


 A7E998

 C3FFB3

 E0FFCF

 FDF FEC

 21621C

 21621C

■ 186212

■ 2A6226

■ 0F6208

■ 336230

■ 076200

■ 3C6239

■ 456243

■ 4F624D

■ 586257

■ 616261

■ 6A626A

■ 736274

# Harmonies

## Analogous

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



525A00



21621C



006643

# Triad

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



21621C



005EA1



9A2E41

# Complementary

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



21621C



5D1C62

# 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.



922F67



21621C



2E52A0

# Square

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



21621C



00658E



73408A



8E3D1D

# Rectangle

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



21621C



00675E



73408A



992C4D



# Sweetspot

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



21621C



678065



625C1C



314030



BFBFBF



404040



# Same Dimension

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



21621C



1A8012



1C6239



2C302C



087000



11F000



# Inverse Universe

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



5D1C62



781280



621C45



302C30



680070

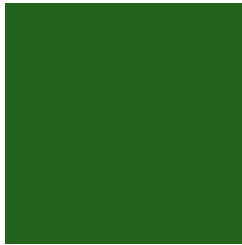


DF00F0



# Previews

## White Background



This preview shows how the Hex color 21621C looks on a white background.

## Color Contrast Check

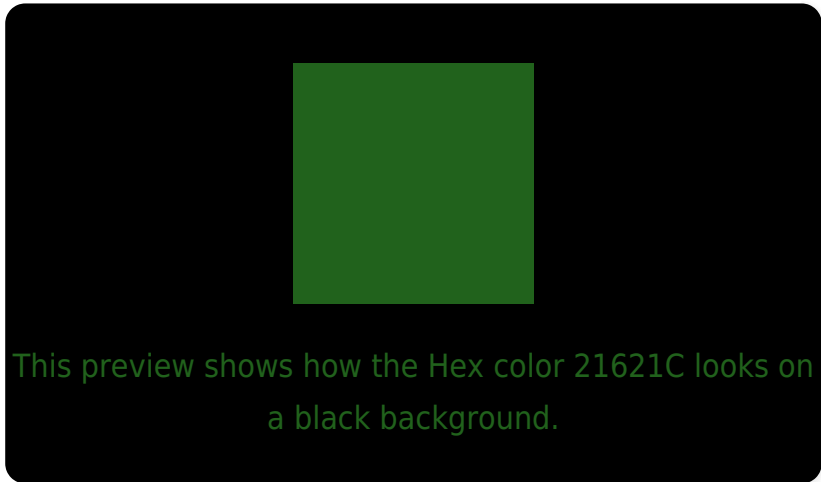
Large Text (above 18pt) WCAG AA ✓ Pass

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

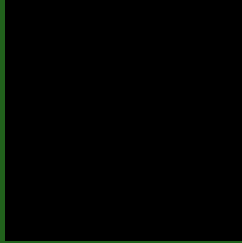
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 21621C Background



This preview shows how black text looks on a background with the Hex color 21621C.



This preview shows how white text looks on a background with the Hex color 21621C.

# 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**  
21621C

**Protanopia**  
5F5519

**Deuteranopia**  
6A5122



**Tritanopia**  
325B63

# Trichromacy



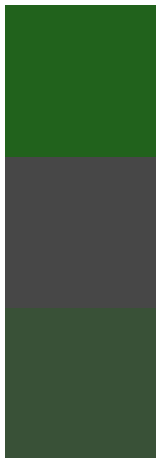
**Original Color**  
21621C

**Protanomaly**  
485A1A

**Deuteranomaly**  
4F5720

**Tritanomaly**  
2C5E49

# Monochromacy



**Original Color**  
21621C

**Achromatopsia**  
474747

**Achromatomaly**  
395137

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 21621C 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 #21621C looks like.

```
.text, #text, p{  
    color:#21621C  
}
```

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 #21621C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21621C
}
```

## Border

The CSS property to change the border of an element to Hex 21621C 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".

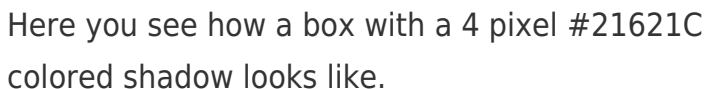
```
.border, #border, table{ border:4px solid
#21621C }
```

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

```
.border{ border-color:#21621C }
```

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

Here you see how a box with a 4 pixel #21621C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21621C; -webkit-box-shadow:4px 4px  
4px 4px #21621C; box-shadow:4px 4px 4px  
4px #21621C }
```

# Background

The CSS property to change the background color of an element to Hex 21621C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21621C }
```

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

```
.background{ background-color:#21621C }
```

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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