

# Converting Colors

Hex(1C521D)

Have a look what the booklet for  
Hex(1C521D) contains.

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# Color

Hex(1C521D)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1C521D
RGB	28, 82, 29
RGB Percent	11%, 32%, 11%
CMY	0.8902, 0.6784, 0.8863
CMYK	0.66, 0.00, 0.65, 0.68
HSL	121°, 49%, 22%
HSV	121°, 66%, 32%
XYZ	3.7180, 6.3702, 2.1960
YIQ	59.8120, -15.1710, -27.9310

# Conversions

## Conversions Part 2

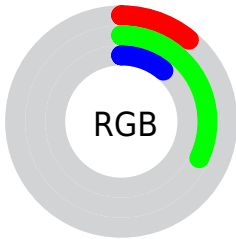
Format	Color
<a href="#">RYB</a>	<a href="#">28, 81, 82</a>
Decimal	<a href="#">1856029</a>
CIELab	<a href="#">30.33, -29.96, 25.44</a>
CIELCh	<a href="#">30, 39.300, 139.669</a>
Yxy	<a href="#">6.3702, 0.3027, 0.5186</a>
Android (android.graphics.Color)	<a href="#">4280046109 (0xFF1C521D)</a>
YUV	<a href="#">59.8120, -15.1903, -27.8991</a>
Hunter-Lab	<a href="#">25.2392, -17.8740, 12.5087</a>




# Details

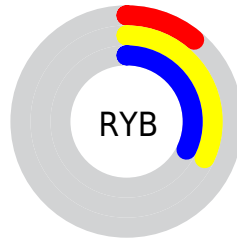
The Hex color **1C521D** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **521C51**, and the grayscale version is **3C3C3C**.




A 20% lighter version of the original color is **4F844B**, and **002500** is the 20% darker color. If you saturate the color by 10%, you get **145215**, and if you desaturate by 10%, it is **245225**.

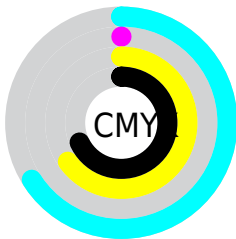
# Distribution







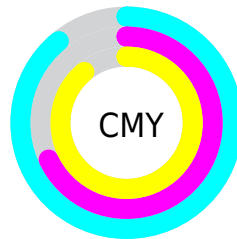
-  Red (11%)
-  Green (32%)
-  Blue (11%)






-  Red (11%)
-  Yellow (32%)
-  Blue (32%)



-  Cyan (66%)
-  Magenta (0%)
-  Yellow (65%)
-  Black (68%)



-  Cyan (89%)
-  Magenta (68%)
-  Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1C521D 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 1C521D by changing the saturation by 10% instead.



 1C521D

 1C521D

FFFFFF

 003A06

 4F844B

 002500

 689E63

 000200

 83BA7C

 000000

 9ED597

 B9F2B1

 D5FFCD

 F2FFE9

 1C521D

 1C521D

■ 145215

■ 245225

■ 0C520D

■ 2C522D

■ 035205

■ 355235

■ 005202

■ 3D523D

■ 455245

■ 4D524D

■ 555255

■ 5E525D

■ 665265

# Harmonies

## Analogous

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



434C04



1C521D



00553B

# Triad

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



1C521D



004E84



7E2A35

# Complementary

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



1C521D



521C51

# 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.



792A53



1C521D



324481

# Square

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



1C521D



005476



62366F



743519

# Rectangle

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



1C521D



005651



62366F



7E293F



# Sweetspot

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



1C521D



566B56



51521C



293629



B5B5B5



363636



# Same Dimension

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



1C521D



166B18



1C5238



252925



006902



00E804



# Inverse Universe

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



521C51



6B166A



521C36



292529



690067



E800E4



# Previews

## White Background



This preview shows how the Hex color 1C521D looks on a white background.

## Color Contrast Check

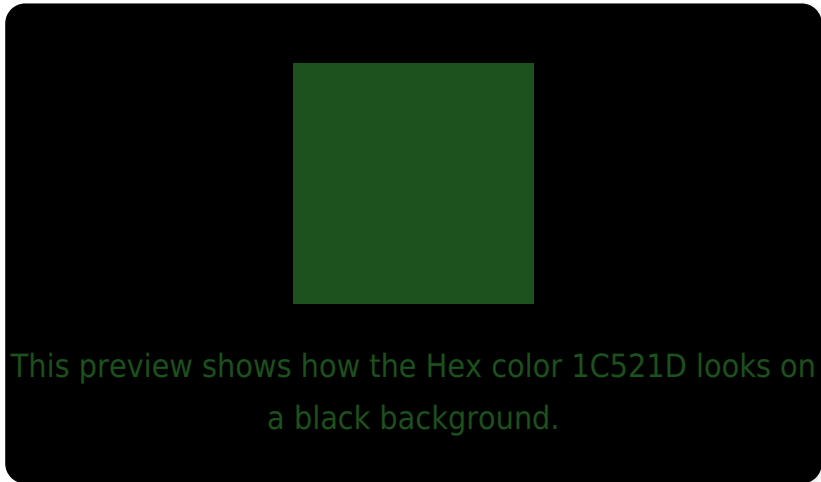
Large Text (above 18pt) WCAG AA ✓ Pass

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

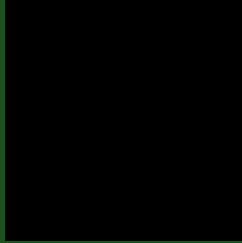
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1C521D Background



This preview shows how black text looks on a background with the Hex color 1C521D.



This preview shows how white text looks on a background with the Hex color 1C521D.

# 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](#).

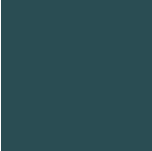
## Dichromacy



**Original Color**  
1C521D

**Protanopia**  
50471A

**Deuteranopia**  
584421



**Tritanopia**  
2A4D53

# Trichromacy



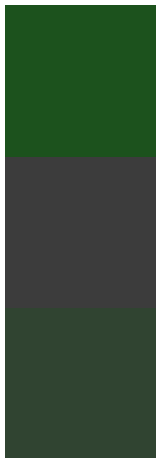
**Original Color**  
1C521D

**Protanomaly**  
3D4B1B

**Deuteranomaly**  
424920

**Tritanomaly**  
254F3F

# Monochromacy



**Original Color**  
1C521D

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
304431

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1C521D 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 #1C521D looks like.

```
.text, #text, p{  
    color:#1C521D  
}
```

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 #1C521D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C521D
}
```

## Border

The CSS property to change the border of an element to Hex 1C521D 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
#1C521D }
```

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

```
.border{ border-color:#1C521D }
```

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

Here you see how a box with a 4 pixel #1C521D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C521D; -webkit-box-shadow:4px 4px  
4px 4px #1C521D; box-shadow:4px 4px 4px  
4px #1C521D }
```

# Background

The CSS property to change the background color of an element to Hex 1C521D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C521D }
```

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

```
.background{ background-color:#1C521D }
```

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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