

Converting Colors

Hex(1C5021)

Have a look what the booklet for
Hex(1C5021) contains.

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Color

Hex(1C5021)

Conversions

Conversions Part 1

Format	Color
Hex	1C5021
RGB	28, 80, 33
RGB Percent	11%, 31%, 13%
CMY	0.8902, 0.6863, 0.8706
CMYK	0.65, 0.00, 0.59, 0.69
HSL	126°, 48%, 21%
HSV	126°, 65%, 31%
XYZ	3.6221, 6.0940, 2.4242
YIQ	59.0940, -15.9050, -25.6410

Conversions

Conversions Part 2

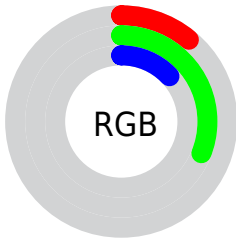
Format	Color
R_{YB}	28, 75, 80
Decimal	1855521
CIE _{Lab}	29.65, -28.50, 22.44
CIE _{LCh}	30, 36.276, 141.787
Yxy	6.0940, 0.2984, 0.5020
Android (android.graphics.Color)	4280045601 (0xFF1C5021)
YUV	59.0940, -12.8643, -27.2694
Hunter-Lab	24.6860, -17.0101, 11.4579

Details

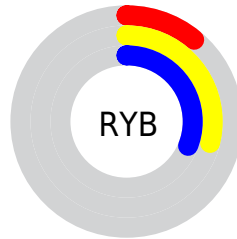
The Hex color **1C5021** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **501C4B**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **4E824F**, and **002300** is the 20% darker color. If you saturate the color by 10%, you get **14501A**, and if you desaturate by 10%, it is **245028**.

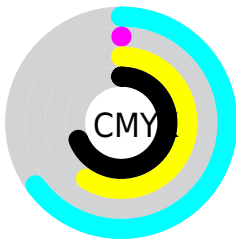
Distribution



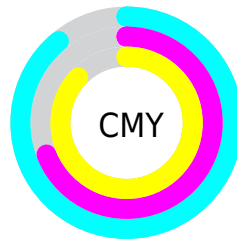
- Red (11%)
- Green (31%)
- Blue (13%)



- Red (11%)
- Yellow (29%)
- Blue (31%)



- Cyan (65%)
- Magenta (0%)
- Yellow (59%)
- Black (69%)



- Cyan (89%)
- Magenta (69%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C5021 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 1C5021 by changing the saturation by 10% instead.

 1C5021

 1C5021

FFFFFF

 00390B

 4E824F

 002300

 689C67

 000000

 82B780

 9CD39B

 B8EFB5

 D4FFD1

 F1FFEE

 1C5021

 1C5021

■ 14501A

■ 245028

■ 0C5013

■ 2C502F

■ 04500B

■ 345037

■ 005008

■ 3C503E

■ 445045

■ 4C504C

■ 545054

■ 5C505B

■ 645062

Harmonies

Analogous

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



404B0B



1C5021



00533D

Triad

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



1C5021



004B7E



782D33

Complementary

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



1C5021



501C4B

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.



752C4F



1C5021



38427A

Square

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



1C5021



005172



603569



6E361A

Rectangle

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



1C5021



005350



603569



792B3C

Sweetspot

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



1C5021



546956



4C501C



29362A



B5B5B5



363636

Same Dimension

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



1C5021



17691F



1C503A



252925



00690A



00E816

Inverse Universe

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



501C4B



691761



501C32



292528



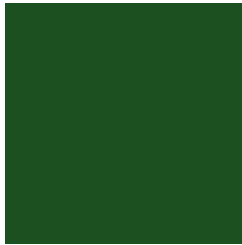
69005E



E800D2

Previews

White Background



This preview shows how the Hex color 1C5021 looks on a white background.

Color Contrast Check

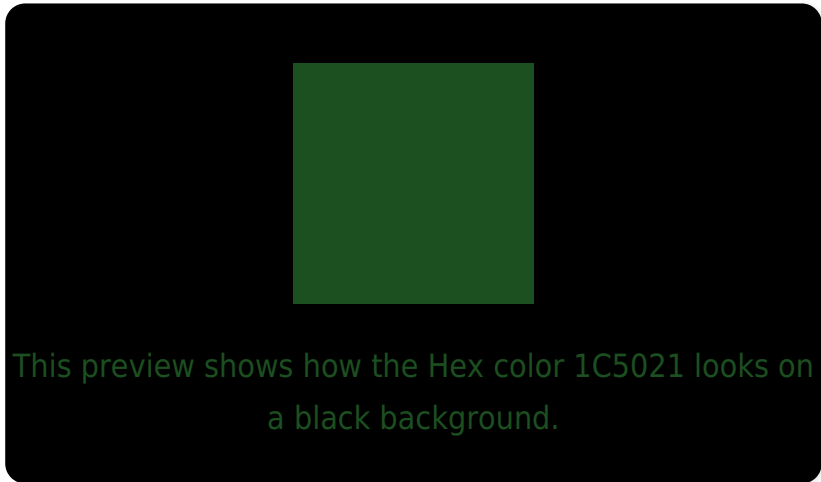
Large Text (above 18pt) WCAG AA ✓ Pass

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

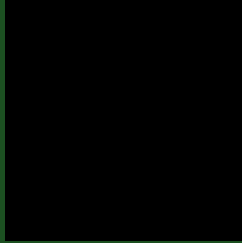
Any Text WCAG AA × Fail

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 1C5021 Background



This preview shows how black text looks on a background with the Hex color 1C5021.



This preview shows how white text looks on a background with the Hex color 1C5021.

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
1C5021

Protanopia
4E461E

Deuteranopia
554225



Tritanopia
294B51

Trichromacy



Original Color
1C5021

Protanomaly
3C4A1F

Deuteranomaly
404724

Tritanomaly
244D40

Monochromacy



Original Color
1C5021

Achromatopsia
3B3B3B

Achromatomaly
304332

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C5021 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 #1C5021 looks like.

```
.text, #text, p{  
    color:#1C5021  
}
```

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 #1C5021 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C5021
}
```

Border

The CSS property to change the border of an element to Hex 1C5021 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
#1C5021 }
```

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

```
.border{ border-color:#1C5021 }
```

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

Here you see how a box with a 4 pixel #1C5021 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C5021; -webkit-box-shadow:4px 4px  
4px 4px #1C5021; box-shadow:4px 4px 4px  
4px #1C5021 }
```

Background

The CSS property to change the background color of an element to Hex 1C5021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C5021 }
```

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

```
.background{ background-color:#1C5021 }
```

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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