

# Converting Colors

Hex(1C5027)

Have a look what the booklet for  
Hex(1C5027) contains.

<b>Hex(1C5027)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(1C5027)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1C5027
RGB	28, 80, 39
RGB Percent	11%, 31%, 15%
CMY	0.8902, 0.6863, 0.8471
CMYK	0.65, 0.00, 0.51, 0.69
HSL	133°, 48%, 21%
HSV	133°, 65%, 31%
XYZ	3.7138, 6.1307, 2.9071
YIQ	59.7780, -17.8310, -23.7750

# Conversions

## Conversions Part 2

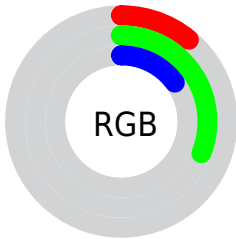
Format	Color
<a href="#">RYB</a>	<a href="#">28, 71, 80</a>
Decimal	<a href="#">1855527</a>
CIELab	<a href="#">29.74, -27.49, 19.09</a>
CIELCh	<a href="#">30, 33.464, 145.227</a>
Yxy	<a href="#">6.1307, 0.2912, 0.4808</a>
Android (android.graphics.Color)	<a href="#">4280045607</a> ( <a href="#">0xFF1C5027</a> )
YUV	<a href="#">59.7780, -10.2436, -27.8693</a>
Hunter-Lab	<a href="#">24.7602, -16.5573, 10.3710</a>

# Details

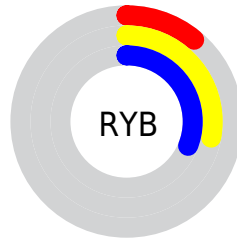
The Hex color **1C5027** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **501C45**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **4E8255**, and **002300** is the 20% darker color. If you saturate the color by 10%, you get **145021**, and if you desaturate by 10%, it is **24502D**.

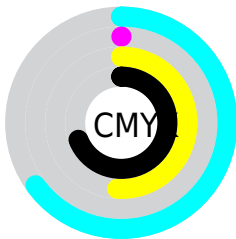
# Distribution



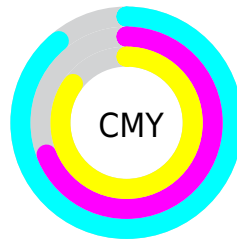
- Red (11%)
- Green (31%)
- Blue (15%)



- Red (11%)
- Yellow (28%)
- Blue (31%)



- Cyan (65%)
- Magenta (0%)
- Yellow (51%)
- Black (69%)



- Cyan (89%)
- Magenta (69%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1C5027 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 1C5027 by changing the saturation by 10% instead.



 1C5027

 1C5027

FFFFFF

 003912

 4E8255

 002300

 679C6D

 000000

 81B787

 9CD3A1

 B7EFBC

 D4FFD8

 F0FFF5

 1C5027

 1C5027

■ 145021

■ 24502D

■ 0C501A

■ 2C5034

■ 045014

■ 34503A

■ 005011

■ 3C5040

■ 445047

■ 4C504D

■ 545053

■ 5C5059

■ 645060

# Harmonies

## Analogous

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



3E4B13



1C5027



005241

# Triad

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



1C5027



004A7A



753031

# Complementary

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



1C5027



501C45

# 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.



732E4B



1C5027



3F4175

# Square

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



1C5027



005070



623664



6B391B

# Rectangle

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



1C5027



005353



623664



762F3A



# Sweetspot

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



1C5027



546958



46501C



29362B



B5B5B5



363636



# Same Dimension

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



1C5027



176928



1C5040



252926



006916



00E831



# Inverse Universe

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



501C45



691757



501C2C



292528



690052

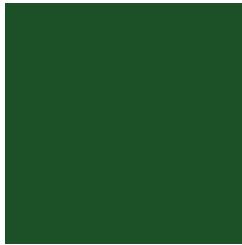


E800B7



# Previews

## White Background



This preview shows how the Hex color 1C5027 looks on a white background.

## Color Contrast Check

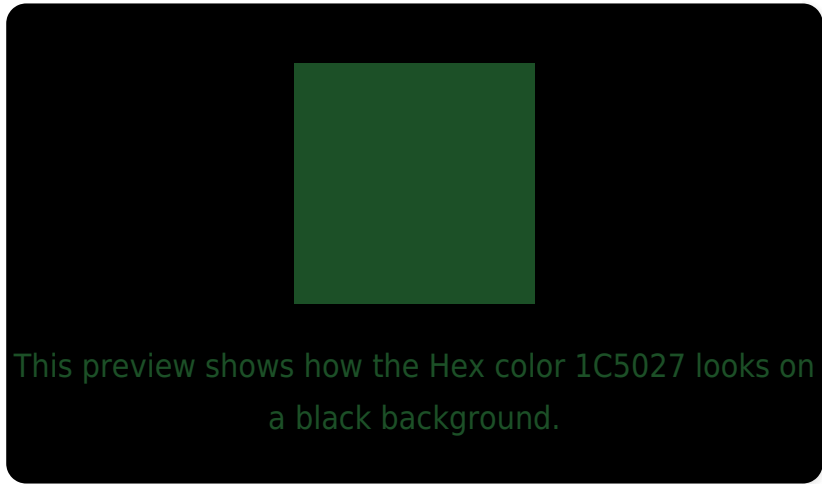
Large Text (above 18pt) WCAG AA ✓ Pass

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

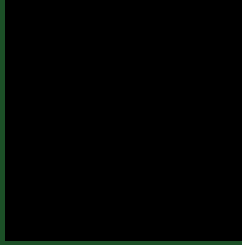
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1C5027 Background



This preview shows how black text looks on a background with the Hex color 1C5027.



This preview shows how white text looks on a background with the Hex color 1C5027.

# 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**  
1C5027

**Protanopia**  
4D4624

**Deuteranopia**  
55432A



**Tritanopia**  
284B51

# Trichromacy



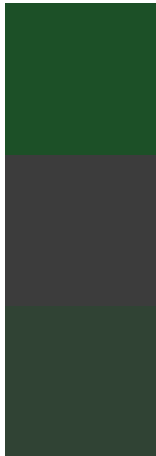
**Original Color**  
1C5027

**Protanomaly**  
3B4A25

**Deuteranomaly**  
404829

**Tritanomaly**  
244D42

# Monochromacy



**Original Color**  
1C5027

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
304334

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1C5027 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 #1C5027 looks like.

```
.text, #text, p{  
    color:#1C5027  
}
```

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 #1C5027 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C5027
}
```

## Border

The CSS property to change the border of an element to Hex 1C5027 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".

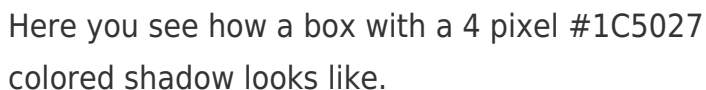
```
.border, #border, table{ border:4px solid
#1C5027 }
```

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

```
.border{ border-color:#1C5027 }
```

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

Here you see how a box with a 4 pixel #1C5027 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C5027; -webkit-box-shadow:4px 4px  
4px 4px #1C5027; box-shadow:4px 4px 4px  
4px #1C5027 }
```

# Background

The CSS property to change the background color of an element to Hex 1C5027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C5027 }
```

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

```
.background{ background-color:#1C5027 }
```

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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