

# Converting Colors

Hex(1C5542)

Have a look what the booklet for  
Hex(1C5542) contains.

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# Color

Hex(1C5542)

# Conversions

## Conversions Part 1

Format	Color
Hex	1C5542
RGB	28, 85, 66
RGB Percent	11%, 33%, 26%
CMY	0.8902, 0.6667, 0.7412
CMYK	0.67, 0.00, 0.22, 0.67
HSL	160°, 50%, 22%
HSV	160°, 67%, 33%
XYZ	4.7108, 7.1372, 6.2836
YIQ	65.7910, -27.8730, -17.9930

# Conversions

## Conversions Part 2

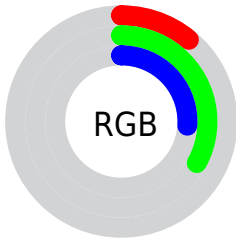
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	28, 62, 85
Decimal	1856834
CIE Lab	32.12, -23.74, 5.67
CIE LCh	32, 24.408, 166.561
Yxy	7.1372, 0.2598, 0.3936
Android (android.graphics.Color)	4280046914 (0xFF1C5542)
YUV	65.7910, 0.1030, -33.1427
Hunter-Lab	26.7156, -15.2774, 4.7557




# Details

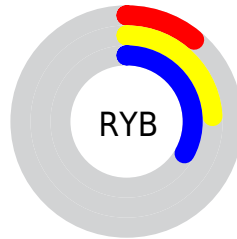
The Hex color **1C5542** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **551C2F**, and the grayscale version is **424242**.




A 20% lighter version of the original color is **4F8772**, and **002717** is the 20% darker color. If you saturate the color by 10%, you get **14553F**, and if you desaturate by 10%, it is **255545**.

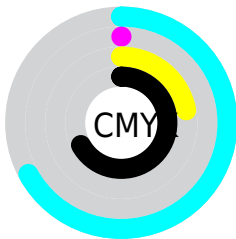
# Distribution







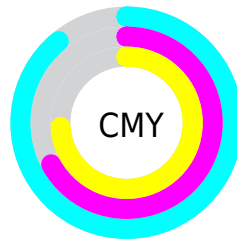
-  Red (11%)
-  Green (33%)
-  Blue (26%)






-  Red (11%)
-  Yellow (24%)
-  Blue (33%)



-  Cyan (67%)
-  Magenta (0%)
-  Yellow (22%)
-  Black (67%)



-  Cyan (89%)
-  Magenta (67%)
-  Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1C5542 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 1C5542 by changing the saturation by 10% instead.



 1C5542

 1C5542

FFFFFF

 003D2C

 4F8772

 002717

 69A28B

 000E00

 83BDA6

 000000

 9ED9C1

 B9F5DD

 D5FFF9

 F2FFFF

 1C5542

 1C5542

■ 14553F

■ 255545

■ 0B553C

■ 2D5548

■ 03553A

■ 35554A

■ 005539

■ 3E554D

■ 475550

■ 4F5553

■ 575556

■ 605559

■ 68555B

# Harmonies

## Analogous

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



375230



1C5542



005656

# Triad

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



1C5542



404A70



6C4131

# Complementary

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



1C5542



551C2F

# 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.



703C42



1C5542



5B4366

# Square

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



1C5542



1A5071



6B3D55



5F4726

# Rectangle

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



1C5542



005562



6B3D55



6E3F36



# Sweetspot

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



1C5542



586E66



2F551C



2B3834



B8B8B8



383838



# Same Dimension

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



1C5542



166E50



1C4B55



272B2A



006B47



00EB9C



# Inverse Universe

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



551C2F



6E1633



55261C



2B2728



6B0024

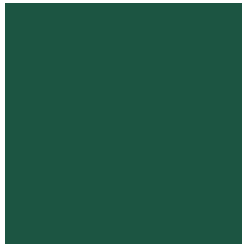


EB004E



# Previews

## White Background



This preview shows how the Hex color 1C5542 looks on a white background.

## Color Contrast Check

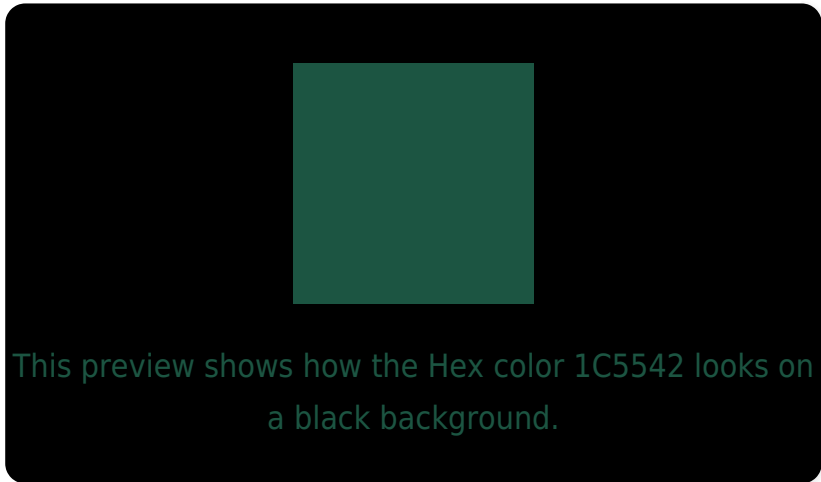
Large Text (above 18pt) WCAG AA ✓ Pass

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

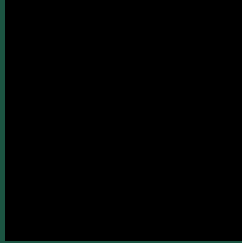
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1C5542 Background



This preview shows how black text looks on a background with the Hex color 1C5542.



This preview shows how white text looks on a background with the Hex color 1C5542.

# 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](#).

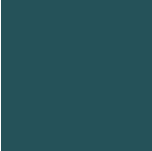
## Dichromacy



**Original Color**  
1C5542

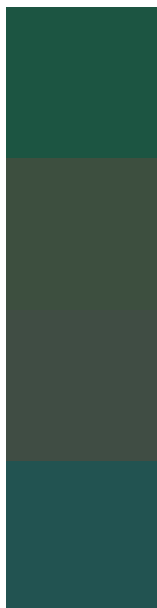
**Protanopia**  
504B3D

**Deuteranopia**  
554945



**Tritanopia**  
255259

# Trichromacy



**Original Color**  
1C5542

**Protanomaly**  
3D4F3F

**Deuteranomaly**  
404D44

**Tritanomaly**  
225351

# Monochromacy



**Original Color**  
1C5542

**Achromatopsia**  
424242

**Achromatomaly**  
344942

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1C5542 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 #1C5542 looks like.

```
.text, #text, p{  
    color:#1C5542  
}
```

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 #1C5542 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C5542
}
```

## Border

The CSS property to change the border of an element to Hex 1C5542 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
#1C5542 }
```

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

```
.border{ border-color:#1C5542 }
```

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

Here you see how a box with a 4 pixel #1C5542 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C5542; -webkit-box-shadow:4px 4px  
4px 4px #1C5542; box-shadow:4px 4px 4px  
4px #1C5542 }
```

# Background

The CSS property to change the background color of an element to Hex 1C5542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C5542 }
```

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

```
.background{ background-color:#1C5542 }
```

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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