

Converting Colors

Hex(1C5F53)

Have a look what the booklet for
Hex(1C5F53) contains.

Hex(1C5F53)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1C5F53)

Conversions

Conversions Part 1

Format	Color
Hex	1C5F53
RGB	28, 95, 83
RGB Percent	11%, 37%, 33%
CMY	0.8902, 0.6275, 0.6745
CMYK	0.71, 0.00, 0.13, 0.63
HSL	169°, 54%, 24%
HSV	169°, 71%, 37%
XYZ	6.1324, 9.0558, 9.6084
YIQ	73.5990, -36.0800, -17.9360

Conversions

Conversions Part 2

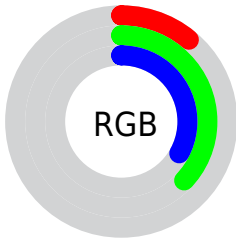
Format	Color
R_{YB}	28, 65, 95
Decimal	1859411
CIE _{Lab}	36.09, -23.99, 0.77
CIE _{LCh}	36, 24.005, 178.158
Yxy	9.0558, 0.2473, 0.3652
Android (android.graphics.Color)	4280049491 (0xFF1C5F53)
YUV	73.5990, 4.6347, -39.9903
Hunter-Lab	30.0929, -16.2873, 2.1344

Details

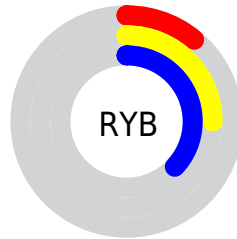
The Hex color **1C5F53** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5F1C28**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **529284**, and **003026** is the 20% darker color. If you saturate the color by 10%, you get **125F51**, and if you desaturate by 10%, it is **265F55**.

Distribution



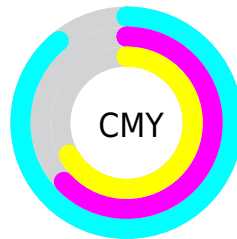
- Red (11%)
- Green (37%)
- Blue (33%)



- Red (11%)
- Yellow (25%)
- Blue (37%)



- Cyan (71%)
- Magenta (0%)
- Yellow (13%)
- Black (63%)



- Cyan (89%)
- Magenta (63%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C5F53 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 1C5F53 by changing the saturation by 10% instead.

 1C5F53

 1C5F53

FFFFFF

 00473C

 529284

 003026

 6CAD9E

 001D12

 87C8B9

 000000

 A2E4D5

 BEFFF1

 DAFFFF

 F7FFFF

 1C5F53

 1C5F53

■ 125F51

■ 265F55

■ 095F50

■ 2F5F56

■ 005F4E

■ 395F58

■ 425F5A

■ 4C5F5C

■ 555F5D

■ 5F5F5F

■ 685F61

■ 725F62

Harmonies

Analogous

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



385D40



1C5F53



005F66

Triad

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



1C5F53



555077



724D35

Complementary

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



1C5F53



5F1C28

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.



7A4744



1C5F53



6C4A69

Square

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



1C5F53



36577B



784657



62532E

Rectangle

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



1C5F53



005D71



784657



754B39

Sweetspot

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



1C5F53



617A76



285F1C



2E3D3A



BDBDBD



3D3D3D

Same Dimension

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



1C5F53



127A68



1C4A5F



2C3030



00705C



00F0C5

Inverse Universe

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



5F1C28



7A1225



5F311C



302C2C



700014



F0002B

Previews

White Background



This preview shows how the Hex color 1C5F53 looks on a white background.

Color Contrast Check

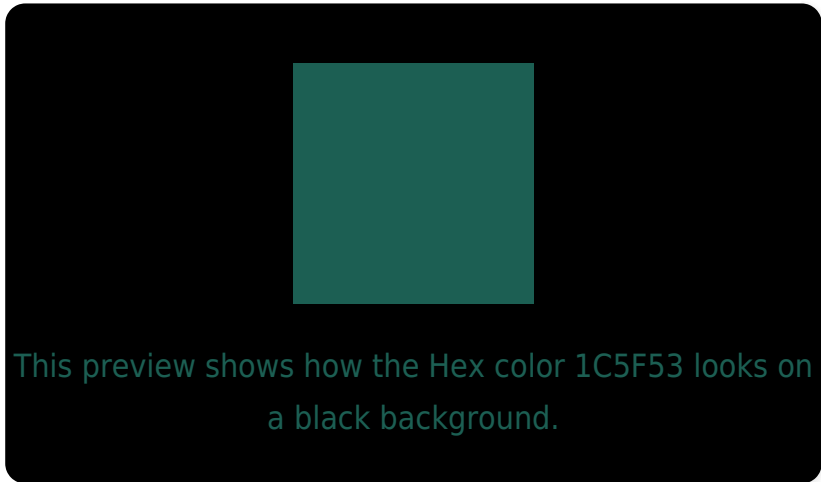
Large Text (above 18pt) WCAG AA ✓ Pass

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

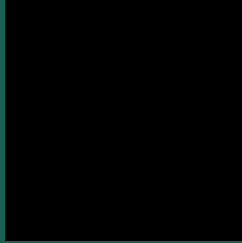
Any Text WCAG AA × Fail

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 1C5F53 Background



This preview shows how black text looks on a background with the Hex color 1C5F53.



This preview shows how white text looks on a background with the Hex color 1C5F53.

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
1C5F53

Protanopia
58544D

Deuteranopia
5C5256



Tritanopia
255D64

Trichromacy



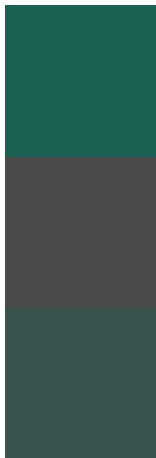
Original Color
1C5F53

Protanomaly
42584F

Deuteranomaly
455755

Tritanomaly
225E5E

Monochromacy



Original Color
1C5F53

Achromatopsia
4A4A4A

Achromatomaly
39524D

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C5F53 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 #1C5F53 looks like.

```
.text, #text, p{  
    color:#1C5F53  
}
```

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 #1C5F53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C5F53
}
```

Border

The CSS property to change the border of an element to Hex 1C5F53 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
#1C5F53 }
```

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

```
.border{ border-color:#1C5F53 }
```

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

Here you see how a box with a 4 pixel #1C5F53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C5F53; -webkit-box-shadow:4px 4px  
4px 4px #1C5F53; box-shadow:4px 4px 4px  
4px #1C5F53 }
```

Background

The CSS property to change the background color of an element to Hex 1C5F53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C5F53 }
```

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

```
.background{ background-color:#1C5F53 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor