

Converting Colors

Hex(1C5158)

Have a look what the booklet for
Hex(1C5158) contains.

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Color

Hex(1C5158)

Conversions

Conversions Part 1

Format	Color
Hex	1C5158
RGB	28, 81, 88
RGB Percent	11%, 32%, 35%
CMY	0.8902, 0.6824, 0.6549
CMYK	0.68, 0.08, 0.00, 0.65
HSL	187°, 52%, 23%
HSV	187°, 68%, 35%
XYZ	5.1828, 6.8363, 10.2789
YIQ	65.9510, -33.8350, -9.0590

Conversions

Conversions Part 2

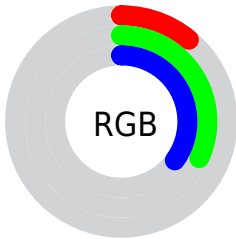
Format	Color
R_{YB}	28, 56, 88
Decimal	1855832
CIE _{Lab}	31.43, -14.84, -9.29
CIE _{LCh}	31, 17.509, 212.038
Yxy	6.8363, 0.2324, 0.3066
Android (android.graphics.Color)	4280045912 (0xFF1C5158)
YUV	65.9510, 10.8702, -33.2830
Hunter-Lab	26.1464, -10.3736, -5.0062




Details

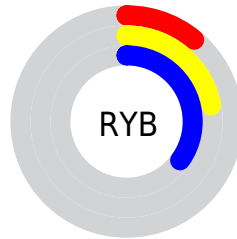
The Hex color **1C5158** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **58231C**, and the grayscale version is **424242**.




A 20% lighter version of the original color is **50828A**, and **00242B** is the 20% darker color. If you saturate the color by 10%, you get **135058**, and if you desaturate by 10%, it is **255258**.

Distribution







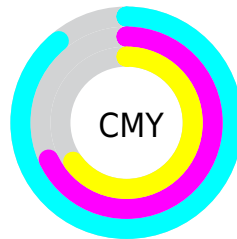
-  Red (11%)
-  Green (32%)
-  Blue (35%)






-  Red (11%)
-  Yellow (22%)
-  Blue (35%)



-  Cyan (68%)
-  Magenta (8%)
-  Yellow (0%)
-  Black (65%)



-  Cyan (89%)
-  Magenta (68%)
-  Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C5158 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 1C5158 by changing the saturation by 10% instead.

■ 1C5158

■ 1C5158

FFFFFF

■ 003A41

■ 50828A

■ 00242B

■ 6A9DA4

■ 000B17

■ 85B8BF

■ 000000

■ A0D3DB

■ BBF0F8

■ D8FFFF

■ F4FFFF

■ 1C5158

■ 1C5158

■ 135058

■ 255258

■ 0A4F58

■ 2E5358

■ 024E58

■ 365458

■ 004E58

■ 3F5558

■ 485658

■ 515758

■ 5A5858

■ 625958

■ 6B5A58

Harmonies

Analogous

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



24514A



1C5158



254F62

Triad

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



1C5158



5C4257



53492E

Complementary

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



1C5158



58231C

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.



5E4532



1C5158



64404A

Square

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



1C5158



4D4661



65413C



444D32

Rectangle

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



1C5158



324C65



65413C



57482F

Sweetspot

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



1C5158



5C7073



1C5823



2D393B



BABABA



3B3B3B

Same Dimension

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



1C5158



156873



1C3358



272B2B



005F6B



00CFEB

Inverse Universe

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



581C51



731568



58411C



2B272B



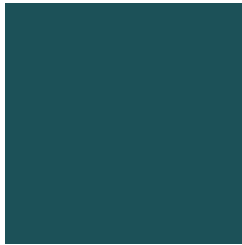
6B005F



EB00CF

Previews

White Background



This preview shows how the Hex color 1C5158 looks on a white background.

Color Contrast Check

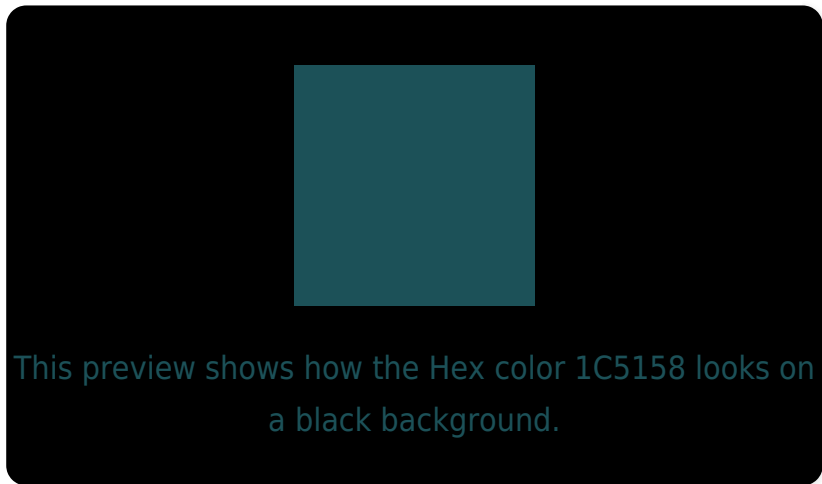
Large Text (above 18pt) WCAG AA ✓ Pass

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

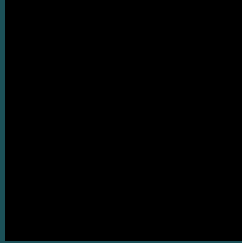
Any Text WCAG AA × Fail

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 1C5158 Background



This preview shows how black text looks on a background with the Hex color 1C5158.



This preview shows how white text looks on a background with the Hex color 1C5158.

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](#).

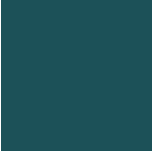
Dichromacy



Original Color
1C5158

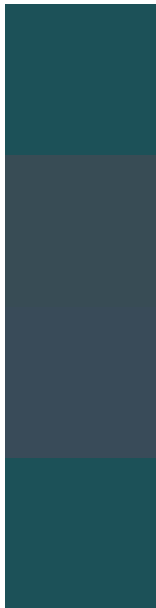
Protanopia
484953

Deuteranopia
49485A



Tritanopia
1C5158

Trichromacy



Original Color
1C5158

Protanomaly
384C55

Deuteranomaly
394B59

Tritanomaly
1C5158

Monochromacy



Original Color
1C5158

Achromatopsia
424242

Achromatomaly
34474A

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C5158 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 #1C5158 looks like.

```
.text, #text, p{  
    color:#1C5158  
}
```

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 #1C5158 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C5158
}
```

Border

The CSS property to change the border of an element to Hex 1C5158 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
#1C5158 }
```

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

```
.border{ border-color:#1C5158 }
```

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

Here you see how a box with a 4 pixel #1C5158 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C5158; -webkit-box-shadow:4px 4px  
4px 4px #1C5158; box-shadow:4px 4px 4px  
4px #1C5158 }
```

Background

The CSS property to change the background color of an element to Hex 1C5158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C5158 }
```

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

```
.background{ background-color:#1C5158 }
```

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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