

Converting Colors

Hex(1C3F51)

Have a look what the booklet for
Hex(1C3F51) contains.

Hex(1C3F51)	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(1C3F51)

Conversions

Conversions Part 1

Format	Color
Hex	1C3F51
RGB	28, 63, 81
RGB Percent	11%, 25%, 32%
CMY	0.8902, 0.7529, 0.6824
CMYK	0.65, 0.22, 0.00, 0.68
HSL	200°, 49%, 21%
HSV	200°, 65%, 32%
XYZ	3.7416, 4.3960, 8.4359
YIQ	54.5870, -26.6380, -1.8220

Conversions

Conversions Part 2

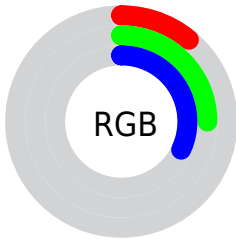
Format	Color
R _Y B	28, 49, 81
Decimal	1851217
CIE Lab	24.94, -6.37, -14.68
CIE LCh	25, 16.001, 246.523
Yxy	4.3960, 0.2258, 0.2652
Android (android.graphics.Color)	4280041297 (0xFF1C3F51)
YUV	54.5870, 13.0216, -23.3168
Hunter-Lab	20.9666, -4.8372, -9.1787

Details

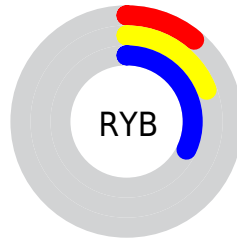
The Hex color **1C3F51** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **512E1C**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **4E6F82**, and **001524** is the 20% darker color. If you saturate the color by 10%, you get **143C51**, and if you desaturate by 10%, it is **244251**.

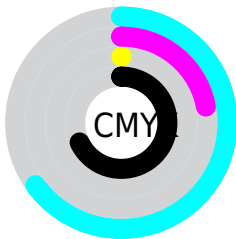
Distribution



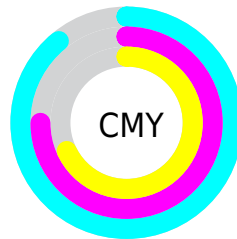
- Red (11%)
- Green (25%)
- Blue (32%)



- Red (11%)
- Yellow (19%)
- Blue (32%)



- Cyan (65%)
- Magenta (22%)
- Yellow (0%)
- Black (68%)



- Cyan (89%)
- Magenta (75%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C3F51 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 1C3F51 by changing the saturation by 10% instead.

■ 1C3F51

■ 1C3F51

FFFFFF

■ 00293A

■ 4E6F82

■ 001524

■ 67889C

■ 00010E

■ 81A2B7

■ 000000

■ 9BBDD3

■ B7D9EF

■ D3F5FF

■ F0FFFF

■ 1C3F51

■ 1C3F51

■ 143C51

■ 244251

■ 0C3951

■ 2C4551

■ 043751

■ 344751

■ 003551

■ 3C4A51

■ 454D51

■ 4D5051

■ 555251

■ 5D5551

■ 655851

Harmonies

Analogous

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



114149



1C3F51



2F3B53

Triad

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



1C3F51



533239



343F27

Complementary

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



1C3F51



512E1C

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.



413B23



1C3F51



52342D

Square

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



1C3F51



4D3345



4B3725



254131

Rectangle

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



1C3F51



3B3951



4B3725



383E25

Sweetspot

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



1C3F51



546169



1C512E



293136



B5B5B5



363636

Same Dimension

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



1C3F51



164C69



1C2551



252729



004569



0099E8

Inverse Universe

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



511C3F



69164C



51481C



292527



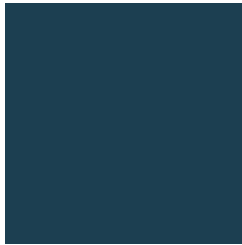
690045



E80099

Previews

White Background



This preview shows how the Hex color 1C3F51 looks on a white background.

Color Contrast Check

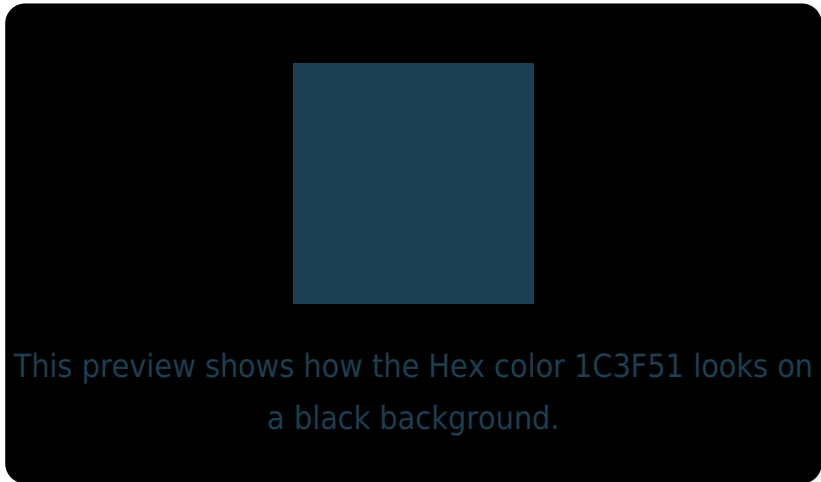
Large Text (above 18pt) WCAG AA ✓ Pass

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

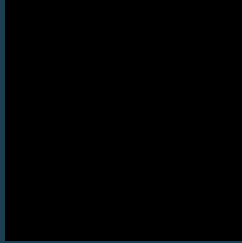
Any Text WCAG AA × Fail

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 1C3F51 Background



This preview shows how black text looks on a background with the Hex color 1C3F51.



This preview shows how white text looks on a background with the Hex color 1C3F51.

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](#).

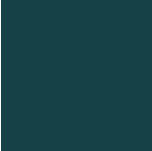
Dichromacy



Original Color
1C3F51

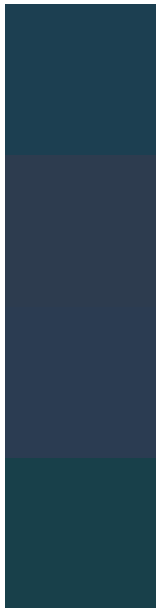
Protanopia
363A4E

Deuteranopia
333A52



Tritanopia
164146

Trichromacy



Original Color
1C3F51

Protanomaly
2D3C4F

Deuteranomaly
2B3C52

Tritanomaly
18404A

Monochromacy



Original Color
1C3F51

Achromatopsia
373737

Achromatomaly
2D3A40

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C3F51 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 #1C3F51 looks like.

```
.text, #text, p{  
    color:#1C3F51  
}
```

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 #1C3F51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C3F51
}
```

Border

The CSS property to change the border of an element to Hex 1C3F51 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
#1C3F51 }
```

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

```
.border{ border-color:#1C3F51 }
```

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

Here you see how a box with a 4 pixel #1C3F51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C3F51; -webkit-box-shadow:4px 4px  
4px 4px #1C3F51; box-shadow:4px 4px 4px  
4px #1C3F51 }
```

Background

The CSS property to change the background color of an element to Hex 1C3F51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C3F51 }
```

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

```
.background{ background-color:#1C3F51 }
```

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