

Converting Colors

Hex(1C3647)

Have a look what the booklet for
Hex(1C3647) contains.

Hex(1C3647)	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(1C3647)

Conversions

Conversions Part 1

Format	Color
Hex	1C3647
RGB	28, 54, 71
RGB Percent	11%, 21%, 28%
CMY	0.8902, 0.7882, 0.7216
CMYK	0.61, 0.24, 0.00, 0.72
HSL	204°, 43%, 19%
HSV	204°, 61%, 28%
XYZ	2.9354, 3.3401, 6.4512
YIQ	48.1640, -20.9530, -0.2250

Conversions

Conversions Part 2

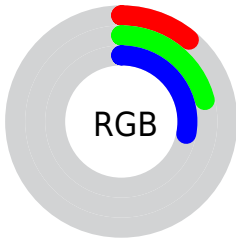
Format	Color
R_YB	28, 44, 71
Decimal	1848903
CIE Lab	21.36, -4.15, -13.56
CIE LCh	21, 14.181, 252.974
Yxy	3.3401, 0.2306, 0.2625
Android (android.graphics.Color)	4280038983 (0xFF1C3647)
YUV	48.1640, 11.2581, -17.6838
Hunter-Lab	18.2761, -3.3135, -8.1354

Details

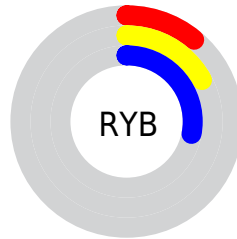
The Hex color **1C3647** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **472D1C**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **4C6577**, and **00091C** is the 20% darker color. If you saturate the color by 10%, you get **153347**, and if you desaturate by 10%, it is **233947**.

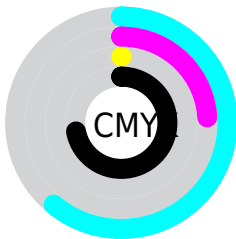
Distribution



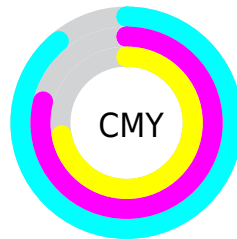
- Red (11%)
- Green (21%)
- Blue (28%)



- Red (11%)
- Yellow (17%)
- Blue (28%)



- Cyan (61%)
- Magenta (24%)
- Yellow (0%)
- Black (72%)



- Cyan (89%)
- Magenta (79%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C3647 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 1C3647 by changing the saturation by 10% instead.

■ 1C3647

■ 1C3647

FFFFFF

■ 032131

■ 4C6577

■ 00091C

■ 647E91

■ 000000

■ 7E97AC

■ 98B2C7

■ B3CEE3

■ CFEAFF

■ ECFFFF

■ 1C3647

■ 1C3647

■ 153347

■ 233947

■ 0E3047

■ 2A3C47

■ 072E47

■ 313E47

■ 002B47

■ 384147

■ 404447

■ 474747

■ 4E4A47

■ 554C47

■ 5C4F47

Harmonies

Analogous

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



103841



1C3647



2C3348

Triad

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



1C3647



482B2F



2A3724

Complementary

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



1C3647



472D1C

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.



36341F



1C3647



462D25

Square

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



1C3647



442C3A



40311F



1E392D

Rectangle

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



1C3647



363045



40311F



2E3621

Sweetspot

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



1C3647



4B555C



1C472C



242A2E



ADADAD



2E2E2E

Same Dimension

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



1C3647



19415C



1C2147



202224



003C63



0089E3

Inverse Universe

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



471C36



5C1941



47421C



242022



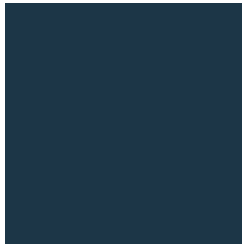
63003C



E30089

Previews

White Background



This preview shows how the Hex color 1C3647 looks on a white background.

Color Contrast Check

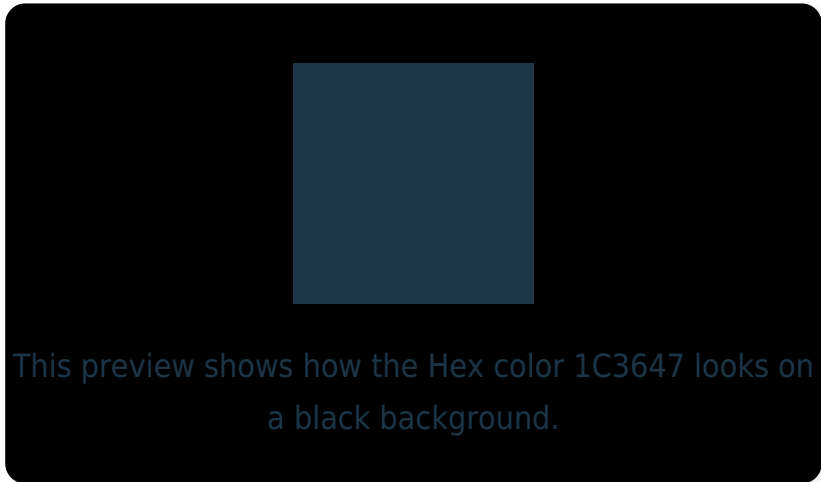
Large Text (above 18pt) WCAG AA ✓ Pass

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

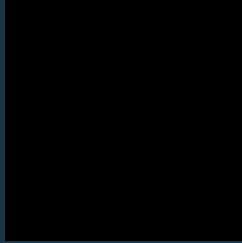
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

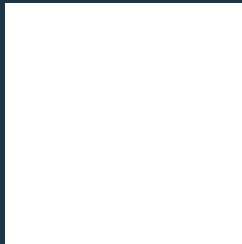
Any Text WCAG AAA × Fail

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

Hex 1C3647 Background



This preview shows how black text looks on a background with the Hex color 1C3647.



This preview shows how white text looks on a background with the Hex color 1C3647.

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](#).

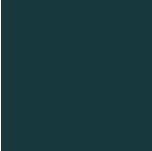
Dichromacy



Original Color
1C3647

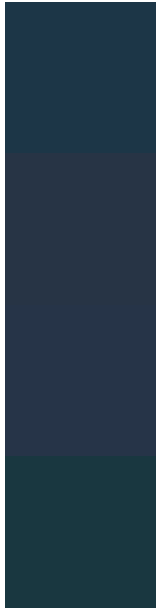
Protanopia
2E3344

Deuteranopia
2C3348



Tritanopia
17383C

Trichromacy



Original Color
1C3647

Protanomaly
273445

Deuteranomaly
263448

Tritanomaly
193740

Monochromacy



Original Color
1C3647

Achromatopsia
303030

Achromatomaly
293238

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C3647 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 #1C3647 looks like.

```
.text, #text, p{  
    color:#1C3647  
}
```

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 #1C3647 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C3647
}
```

Border

The CSS property to change the border of an element to Hex 1C3647 is called "border". The border property can be set on classes, ids or directly on the HTML element.

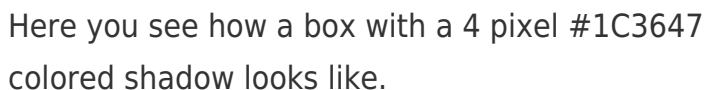
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1C3647 }
```

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

```
.border{ border-color:#1C3647 }
```

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



Here you see how a box with a 4 pixel #1C3647 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C3647; -webkit-box-shadow:4px 4px  
4px 4px #1C3647; box-shadow:4px 4px 4px  
4px #1C3647 }
```

Background

The CSS property to change the background color of an element to Hex 1C3647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C3647 }
```

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

```
.background{ background-color:#1C3647 }
```

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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