

Converting Colors

Hex(1C3C73)

Have a look what the booklet for
Hex(1C3C73) contains.

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Color

Hex(1C3C73)

Conversions

Conversions Part 1

Format	Color
Hex	1C3C73
RGB	28, 60, 115
RGB Percent	11%, 24%, 45%
CMY	0.8902, 0.7647, 0.5490
CMYK	0.76, 0.48, 0.00, 0.55
HSL	218°, 61%, 28%
HSV	218°, 76%, 45%
XYZ	5.1893, 4.7164, 16.8565
YIQ	56.7020, -36.7270, 10.3210

Conversions

Conversions Part 2

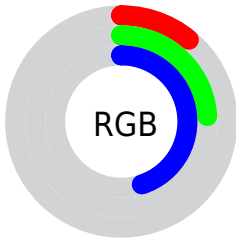
Format	Color
R_{YB}	28, 51, 115
Decimal	1850483
CIE Lab	25.91, 9.03, -35.13
CIE LCh	26, 36.272, 284.417
Yxy	4.7164, 0.1939, 0.1762
Android (android.graphics.Color)	4280040563 (0xFF1C3C73)
YUV	56.7020, 28.7409, -25.1717
Hunter-Lab	21.7173, 4.6467, -30.8176

Details

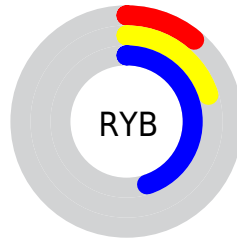
The Hex color **1C3C73** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **73531C**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **556BA7**, and **001342** is the 20% darker color. If you saturate the color by 10%, you get **113573**, and if you desaturate by 10%, it is **284373**.

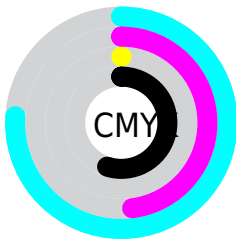
Distribution



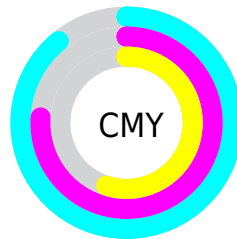
- Red (11%)
- Green (24%)
- Blue (45%)



- Red (11%)
- Yellow (20%)
- Blue (45%)



- Cyan (76%)
- Magenta (48%)
- Yellow (0%)
- Black (55%)



- Cyan (89%)
- Magenta (76%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C3C73 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 1C3C73 by changing the saturation by 10% instead.

■ 1C3C73

■ 1C3C73

FFFFFF

■ 00275A

■ 556BA7

■ 001342

■ 6F84C3

■ 00032C

■ 8B9EDF

■ 000116

■ A6B9FC

■ 000000

■ C2D4FF

■ DFF1FF

■ FFFFFFFF

■ 1C3C73

■ 1C3C73

■ 113573

■ 284373

■ 052D73

■ 334B73

■ 002A73

■ 3F5273

■ 4A5973

■ 566073

■ 616873

■ 6D6F73

■ 787673

■ 847D73

Harmonies

Analogous

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



004472



1C3C73



4F3065

Triad

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



1C3C73



682B18



00492E

Complementary

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



1C3C73



73531C

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.



1E4613



1C3C73



563702

Square

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



1C3C73



6F2231



3E4000



004A4A

Rectangle

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



1C3C73



612756



3E4000



004824

Sweetspot

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



1C3C73



748196



1C7352



373F4D



CCCCCC



4D4D4D

Same Dimension

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



1C3C73



0E4096



261C73



35373B



002D7A



005CFA

Inverse Universe

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



731C3C



960E40



69731C



3B3537



7A002D



FA005C

Previews

White Background



This preview shows how the Hex color 1C3C73 looks on a white background.

Color Contrast Check

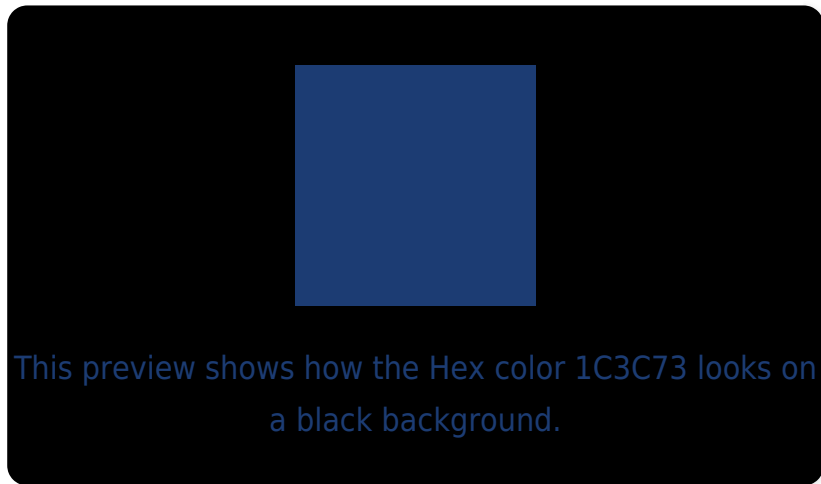
Large Text (above 18pt) WCAG AA ✓ Pass

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

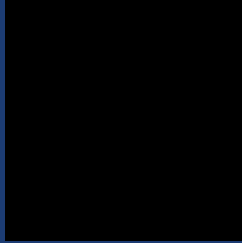
Any Text WCAG AA × Fail

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 1C3C73 Background



This preview shows how black text looks on a background with the Hex color 1C3C73.



This preview shows how white text looks on a background with the Hex color 1C3C73.

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
1C3C73

Protanopia
203C72

Deuteranopia
003F6E

Trichromacy



Original Color
1C3C73

Protanomaly
1F3C72

Deuteranomaly
0A3E70

Monochromacy



Original Color
1C3C73

Achromatopsia
393939

Achromatomaly
2E3A4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C3C73 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 #1C3C73 looks like.

```
.text, #text, p{  
    color:#1C3C73  
}
```

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 #1C3C73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C3C73
}
```

Border

The CSS property to change the border of an element to Hex 1C3C73 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
#1C3C73 }
```

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

```
.border{ border-color:#1C3C73 }
```

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

Here you see how a box with a 4 pixel #1C3C73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C3C73; -webkit-box-shadow:4px 4px  
4px 4px #1C3C73; box-shadow:4px 4px 4px  
4px #1C3C73 }
```

Background

The CSS property to change the background color of an element to Hex 1C3C73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C3C73 }
```

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

```
.background{ background-color:#1C3C73 }
```

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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