

Converting Colors

Hex(1C5D74)

Have a look what the booklet for
Hex(1C5D74) contains.

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Color

Hex(1C5D74)

Conversions

Conversions Part 1

Format	Color
Hex	1C5D74
RGB	28, 93, 116
RGB Percent	11%, 36%, 45%
CMY	0.8902, 0.6353, 0.5451
CMYK	0.76, 0.20, 0.00, 0.55
HSL	196°, 61%, 28%
HSV	196°, 76%, 45%
XYZ	7.5456, 9.3365, 17.9274
YIQ	76.1870, -46.1230, -6.6270

Conversions

Conversions Part 2

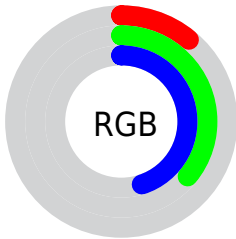
Format	Color
R_{YB}	28, 65, 116
Decimal	1858932
CIE _{Lab}	36.62, -11.94, -18.89
CIE _{LCh}	37, 22.342, 237.708
Yxy	9.3365, 0.2168, 0.2682
Android (android.graphics.Color)	4280049012 (0xFF1C5D74)
YUV	76.1870, 19.6278, -42.2600
Hunter-Lab	30.5557, -9.3926, -13.3972

Details

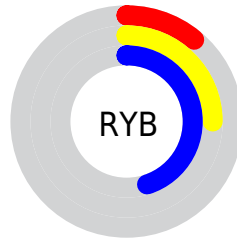
The Hex color **1C5D74** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **74331C**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **568FA8**, and **002F44** is the 20% darker color. If you saturate the color by 10%, you get **105A74**, and if you desaturate by 10%, it is **286074**.

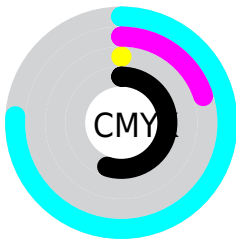
Distribution



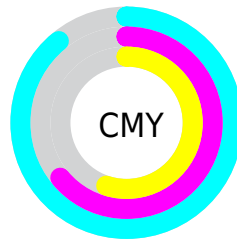
- Red (11%)
- Green (36%)
- Blue (45%)



- Red (11%)
- Yellow (25%)
- Blue (45%)



- Cyan (76%)
- Magenta (20%)
- Yellow (0%)
- Black (55%)



- Cyan (89%)
- Magenta (64%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C5D74 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 1C5D74 by changing the saturation by 10% instead.

■ 1C5D74

■ 1C5D74

FFFFFF

■ 00455B

■ 568FA8

■ 002F44

■ 71AAC3

■ 001B2D

■ 8CC5DF

■ 000119

■ A8E1FC

■ 000000

■ C4FEFF

■ E1FFFF

FEFFFF

■ 1C5D74

■ 1C5D74

■ 105A74

■ 286074

■ 055774

■ 336374

■ 005674

■ 3F6674

■ 4A6974

■ 566C74

■ 626F74

■ 6D7274

■ 797574

■ 847874

Harmonies

Analogous

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



105F66



1C5D74



3A587A

Triad

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



1C5D74



774858



515A36

Complementary

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



1C5D74



74331C

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.



635532



1C5D74



794A46

Square

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



1C5D74



6C4C6A



724E38



3C5E42

Rectangle

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



1C5D74



4E5478



724E38



575833

Sweetspot

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



1C5D74



748D96



1C7432



37474D



CCCCCC



4D4D4D

Same Dimension

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



1C5D74



0E7396



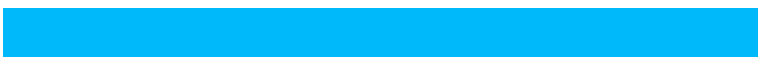
1C3274



35393B



005A7A



00B9FA

Inverse Universe

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



741C5D



960E73



745E1C



3B3539



7A005A



FA00B9

Previews

White Background



This preview shows how the Hex color 1C5D74 looks on a white background.

Color Contrast Check

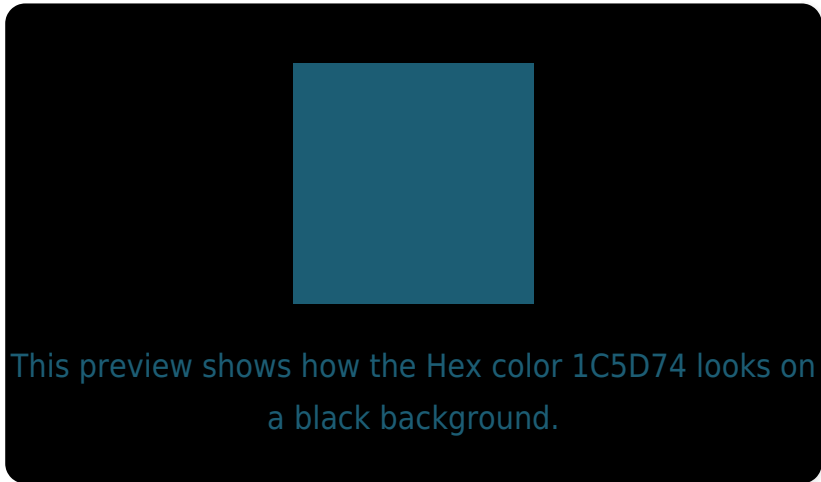
Large Text (above 18pt) WCAG AA ✓ Pass

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

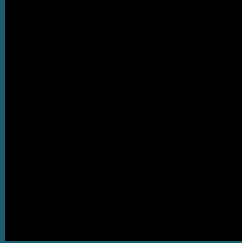
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

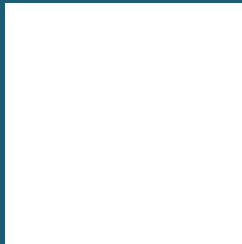
Any Text WCAG AAA × Fail

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

Hex 1C5D74 Background



This preview shows how black text looks on a background with the Hex color 1C5D74.



This preview shows how white text looks on a background with the Hex color 1C5D74.

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](#).

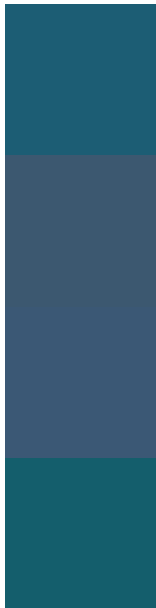
Dichromacy





Tritanopia
0F5F67

Trichromacy



Original Color
1C5D74

Protanomaly
3C5870

Deuteranomaly
3B5875

Tritanomaly
145E6C

Monochromacy



Original Color
1C5D74

Achromatopsia
4C4C4C

Achromatomaly
3B525B

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C5D74 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 #1C5D74 looks like.

```
.text, #text, p{  
    color:#1C5D74  
}
```

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 #1C5D74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C5D74
}
```

Border

The CSS property to change the border of an element to Hex 1C5D74 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
#1C5D74 }
```

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

```
.border{ border-color:#1C5D74 }
```

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

Here you see how a box with a 4 pixel #1C5D74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C5D74; -webkit-box-shadow:4px 4px  
4px 4px #1C5D74; box-shadow:4px 4px 4px  
4px #1C5D74 }
```

Background

The CSS property to change the background color of an element to Hex 1C5D74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C5D74 }
```

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

```
.background{ background-color:#1C5D74 }
```

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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