

Converting Colors

Hex(185D74)

Have a look what the booklet for
Hex(185D74) contains.

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Color

Hex(185D74)

Conversions

Conversions Part 1

Format	Color
Hex	185D74
RGB	24, 93, 116
RGB Percent	9%, 36%, 45%
CMY	0.9059, 0.6353, 0.5451
CMYK	0.79, 0.20, 0.00, 0.55
HSL	195°, 66%, 27%
HSV	195°, 79%, 45%
XYZ	7.4434, 9.2838, 17.9226
YIQ	74.9910, -48.5070, -7.4750

Conversions

Conversions Part 2

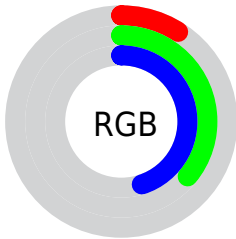
Format	Color
R_{YB}	24, 63, 116
Decimal	1596788
CIE _{Lab}	36.53, -12.48, -19.05
CIE _{LCh}	37, 22.774, 236.761
Yxy	9.2838, 0.2148, 0.2679
Android (android.graphics.Color)	4279786868 (0xFF185D74)
YUV	74.9910, 20.2174, -44.7191
Hunter-Lab	30.4694, -9.7154, -13.5469

Details

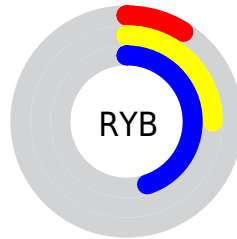
The Hex color **185D74** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **742F18**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **538FA8**, and **002F44** is the 20% darker color. If you saturate the color by 10%, you get **0C5A74**, and if you desaturate by 10%, it is **246074**.

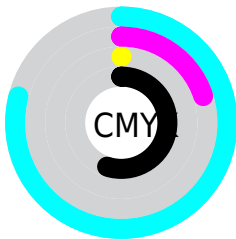
Distribution



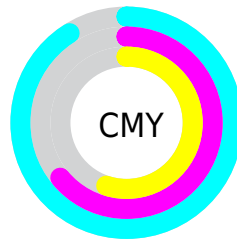
- Red (9%)
- Green (36%)
- Blue (45%)



- Red (9%)
- Yellow (25%)
- Blue (45%)



- Cyan (79%)
- Magenta (20%)
- Yellow (0%)
- Black (55%)



- Cyan (91%)
- Magenta (64%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 185D74 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 185D74 by changing the saturation by 10% instead.

 185D74

 185D74

FFFFFF

 00455B


 538FA8

 002F44

 6FAAC3

 001B2D

 8AC5DF

 000119

 A6E1FC

 000000

 C2FEFF

 DFFFFFF

 FFFFFFF

 185D74

 185D74

■ 0C5A74

■ 246074

■ 015774

■ 2F6374

■ 005774

■ 3B6674

■ 466974

■ 526C74

■ 5E6E74

■ 697174

■ 757474

■ 807774

Harmonies

Analogous

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



0B5F66



185D74



38587A

Triad

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



185D74



774859



515A35

Complementary

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



185D74



742F18

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.



645431



185D74



794946

Square

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



185D74



6B4C6A



724E38



3C5E41

Rectangle

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



185D74



4C5479



724E38



585832

Sweetspot

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



185D74



728D96



18742F



36474D



CCCCCC



4D4D4D

Same Dimension

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



185D74



087396



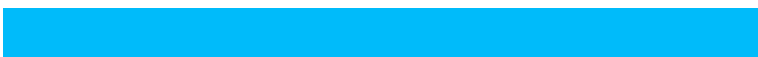
182F74



35393B



005C7A



00BBFA

Inverse Universe

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



74185D



960873



745D18



3B3539



7A005C



FA00BB

Previews

White Background



This preview shows how the Hex color 185D74 looks on a white background.

Color Contrast Check

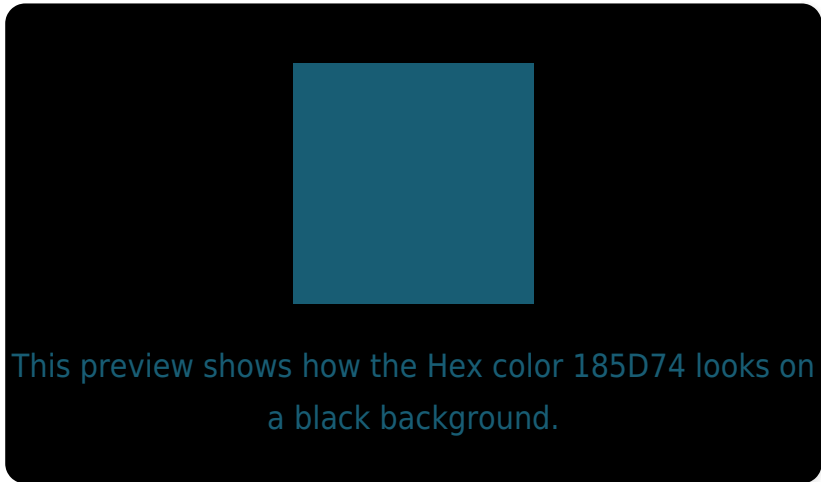
Large Text (above 18pt) WCAG AA ✓ Pass

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

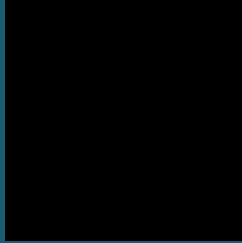
Any Text WCAG AA × Fail

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 185D74 Background



This preview shows how black text looks on a background with the Hex color 185D74.

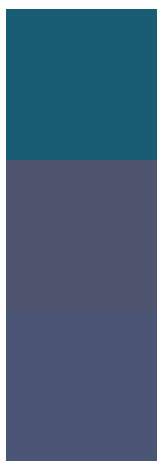


This preview shows how white text looks on a background with the Hex color 185D74.

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
185D74

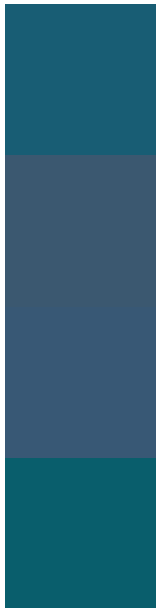
Protanopia
4F556E

Deuteranopia
4B5576



Tritanopia
005F67

Trichromacy



Original Color
185D74

Protanomaly
3B5870

Deuteranomaly
385875

Tritanomaly
095E6C

Monochromacy



Original Color
185D74

Achromatopsia
4B4B4B

Achromatomaly
38525A

CSS Examples

Text

The CSS property to change the color of the text to Hex 185D74 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 #185D74 looks like.

```
.text, #text, p{  
    color:#185D74  
}
```

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 #185D74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #185D74
}
```

Border

The CSS property to change the border of an element to Hex 185D74 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
#185D74 }
```

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

```
.border{ border-color:#185D74 }
```

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

Here you see how a box with a 4 pixel #185D74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #185D74; -webkit-box-shadow:4px 4px  
4px 4px #185D74; box-shadow:4px 4px 4px  
4px #185D74 }
```

Background

The CSS property to change the background color of an element to Hex 185D74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#185D74 }
```

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

```
.background{ background-color:#185D74 }
```

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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