

Converting Colors

Hex(185B64)

Have a look what the booklet for
Hex(185B64) contains.

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Color

Hex(185B64)

Conversions

Conversions Part 1

Format	Color
Hex	185B64
RGB	24, 91, 100
RGB Percent	9%, 36%, 39%
CMY	0.9059, 0.6431, 0.6078
CMYK	0.76, 0.09, 0.00, 0.61
HSL	187°, 61%, 24%
HSV	187°, 76%, 39%
XYZ	6.4180, 8.5965, 13.3776
YIQ	71.9930, -42.8210, -11.4050

Conversions

Conversions Part 2

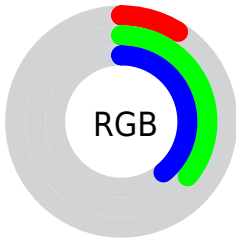
Format	Color
RYB	24, 60, 100
Decimal	1596260
CIELab	35.20, -17.06, -11.16
CIElCh	35, 20.388, 213.182
Yxy	8.5965, 0.2260, 0.3028
Android (android.graphics.Color)	4279786340 (0xFF185B64)
YUV	71.9930, 13.8075, -42.0899
Hunter-Lab	29.3197, -12.2362, -6.5282

Details

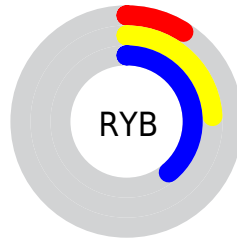
The Hex color **185B64** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **642118**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **518D97**, and **002D35** is the 20% darker color. If you saturate the color by 10%, you get **0E5A64**, and if you desaturate by 10%, it is **225C64**.

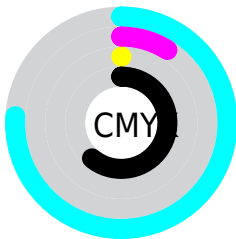
Distribution



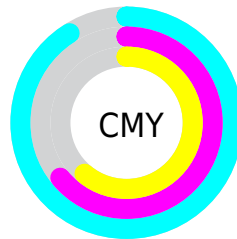
- Red (9%)
- Green (36%)
- Blue (39%)



- Red (9%)
- Yellow (24%)
- Blue (39%)



- Cyan (76%)
- Magenta (9%)
- Yellow (0%)
- Black (61%)



- Cyan (91%)
- Magenta (64%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 185B64 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 185B64 by changing the saturation by 10% instead.



185B64



185B64

FFFFFF



00434C



518D97



002D35



6BA8B2



001A20



86C3CD



000007



A2DFE9



000000



BEFCFF



DAFFFF



F7FFFF



185B64



185B64

■ 0E5A64

■ 225C64

■ 045964

■ 2C5D64

■ 005864

■ 365F64

■ 406064

■ 4A6164

■ 546264

■ 5E6364

■ 686464

■ 726664

Harmonies

Analogous

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



245C54



185B64



26586F

Triad

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



185B64



694962



5C5232

Complementary

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



185B64



642118

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.



6A4D36



185B64



724652

Square

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



185B64



574E6E



724842



4B5737

Rectangle

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



185B64



365573



724842



615032

Sweetspot

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



185B64



647F82



186421



304042



C2C2C2



424242

Same Dimension

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



185B64



0C7482



183564



2E3233



006573



00D6F2

Inverse Universe

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



64185B



820C74



644718



332E32



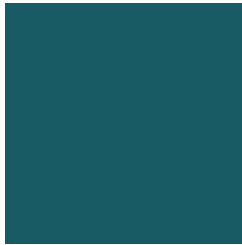
730065



F200D6

Previews

White Background



This preview shows how the Hex color 185B64 looks on a white background.

Color Contrast Check

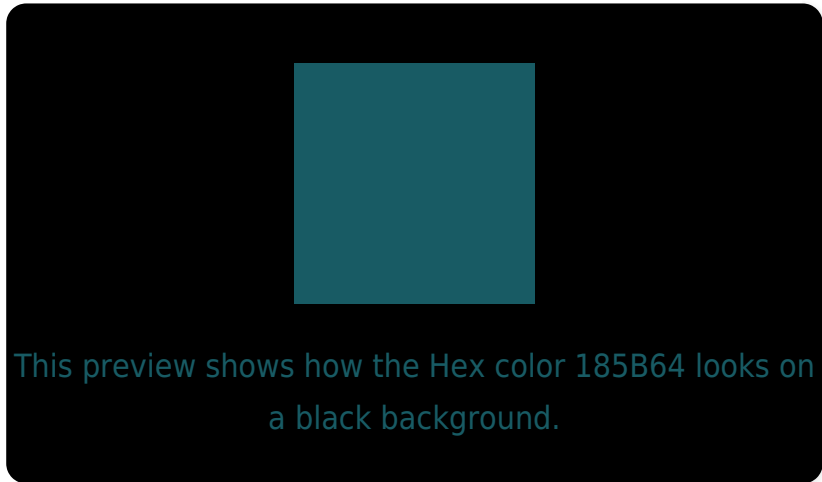
Large Text (above 18pt) WCAG AA ✓ Pass

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

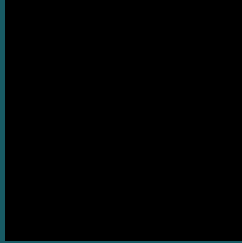
Any Text WCAG AA × Fail

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 185B64 Background



This preview shows how black text looks on a background with the Hex color 185B64.

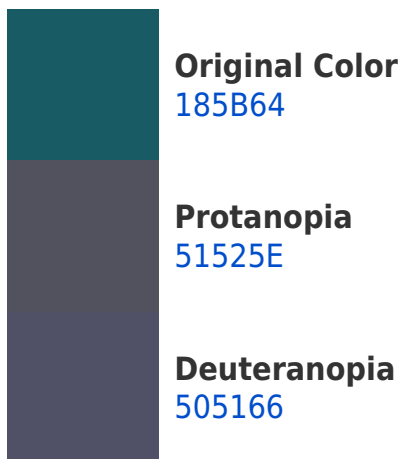



This preview shows how white text looks on a background with the Hex color 185B64.

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](#).

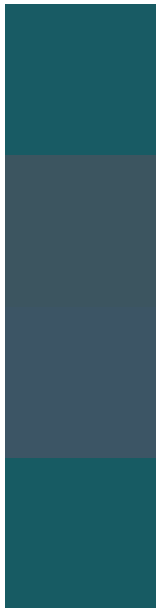
Dichromacy





Tritanopia
175B63

Trichromacy



Original Color
185B64

Protanomaly
3C5560

Deuteranomaly
3C5565

Tritanomaly
175B63

Monochromacy



Original Color
185B64

Achromatopsia
484848

Achromatomaly
374F52

CSS Examples

Text

The CSS property to change the color of the text to Hex 185B64 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 #185B64 looks like.

```
.text, #text, p{  
    color:#185B64  
}
```

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 #185B64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #185B64
}
```

Border

The CSS property to change the border of an element to Hex 185B64 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
#185B64 }
```

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

```
.border{ border-color:#185B64 }
```

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

Here you see how a box with a 4 pixel #185B64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #185B64; -webkit-box-shadow:4px 4px  
4px 4px #185B64; box-shadow:4px 4px 4px  
4px #185B64 }
```

Background

The CSS property to change the background color of an element to Hex 185B64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#185B64 }
```

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

```
.background{ background-color:#185B64 }
```

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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