

Converting Colors

Hex(185271)

Have a look what the booklet for
Hex(185271) contains.

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Color

Hex(185271)

Conversions

Conversions Part 1

Format	Color
Hex	185271
RGB	24, 82, 113
RGB Percent	9%, 32%, 44%
CMY	0.9059, 0.6784, 0.5569
CMYK	0.79, 0.27, 0.00, 0.56
HSL	201°, 65%, 27%
HSV	201°, 79%, 44%
XYZ	6.3746, 7.4210, 16.7192
YIQ	68.1920, -44.5190, -2.6550

Conversions

Conversions Part 2

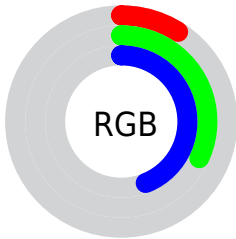
Format	Color
R_{YB}	24, 59, 113
Decimal	1593969
CIE _{Lab}	32.75, -6.97, -23.05
CIE _{LCh}	33, 24.082, 253.178
Yxy	7.4210, 0.2089, 0.2432
Android (android.graphics.Color)	4279784049 (0xFF185271)
YUV	68.1920, 22.0903, -38.7564
Hunter-Lab	27.2416, -5.9032, -17.3195

Details

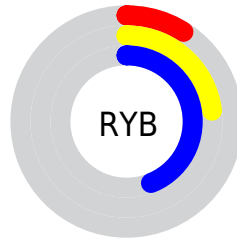
The Hex color **185271** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **713718**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **5283A5**, and **002541** is the 20% darker color. If you saturate the color by 10%, you get **0D4E71**, and if you desaturate by 10%, it is **235671**.

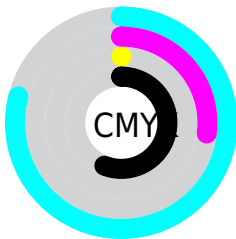
Distribution



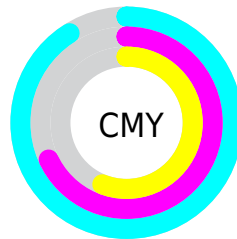
- Red (9%)
- Green (32%)
- Blue (44%)



- Red (9%)
- Yellow (23%)
- Blue (44%)



- Cyan (79%)
- Magenta (27%)
- Yellow (0%)
- Black (56%)



- Cyan (91%)
- Magenta (68%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 185271 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 185271 by changing the saturation by 10% instead.

■ 185271

■ 185271

FFFFFF

■ 003B58

■ 5283A5

■ 002541

■ 6D9DC0

■ 00112B

■ 88B8DC

■ 000116

■ A4D4F9

■ 000000

■ C0F0FF

■ DDFFFF

■ FAFFFF

■ 185271

■ 185271

■ 0D4E71

■ 235671

■ 014A71

■ 2F5A71

■ 004A71

■ 3A5E71

■ 456271

■ 516671

■ 5C6A71

■ 676E71

■ 727171

■ 7E7571

Harmonies

Analogous

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



005666



185271



3E4C72

Triad

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



185271



723E45



3C5331

Complementary

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



185271



713718

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.



514F27



185271



6E4234

Square

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



185271



6B3F58



624829



225641

Rectangle

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



185271



52476D



624829



43522C

Sweetspot

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



185271



708894



187136



35424A



C9C9C9



4A4A4A

Same Dimension

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



185271



076394



182771



323638



004E78



00A1F7

Inverse Universe

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



711852



940763



716218



383236



78004E



F700A1

Previews

White Background



This preview shows how the Hex color 185271 looks on a white background.

Color Contrast Check

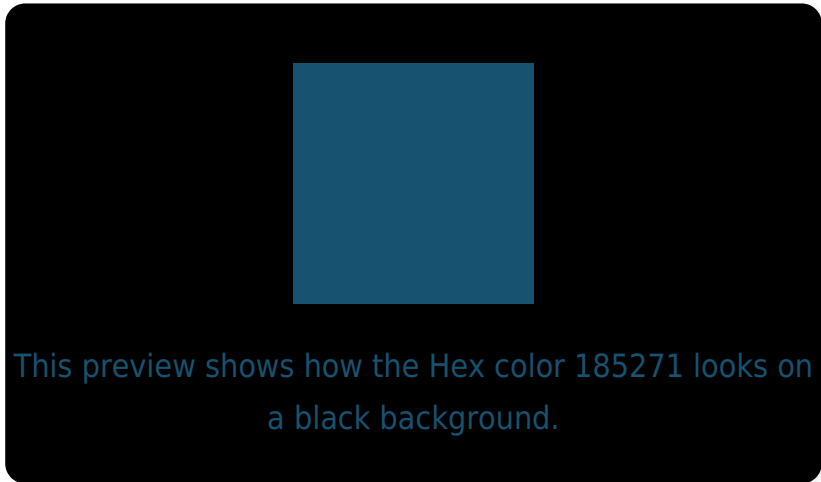
Large Text (above 18pt) WCAG AA ✓ Pass

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

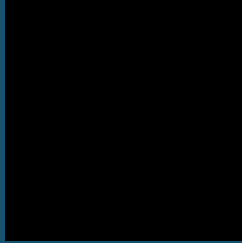
Any Text WCAG AA × Fail

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 185271 Background



This preview shows how black text looks on a background with the Hex color 185271.




This preview shows how white text looks on a background with the Hex color 185271.

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
00555C

Trichromacy



Original Color
185271

Protanomaly
334E6E

Deuteranomaly
2F4E72

Tritanomaly
095464

Monochromacy



Original Color
185271

Achromatopsia
444444

Achromatomaly
344954

CSS Examples

Text

The CSS property to change the color of the text to Hex 185271 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 #185271 looks like.

```
.text, #text, p{  
    color:#185271  
}
```

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 #185271 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #185271
}
```

Border

The CSS property to change the border of an element to Hex 185271 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
#185271 }
```

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

```
.border{ border-color:#185271 }
```

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

Here you see how a box with a 4 pixel #185271 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #185271; -webkit-box-shadow:4px 4px  
4px 4px #185271; box-shadow:4px 4px 4px  
4px #185271 }
```

Background

The CSS property to change the background color of an element to Hex 185271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#185271 }
```

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

```
.background{ background-color:#185271 }
```

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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