

Converting Colors

Hex(184970)

Have a look what the booklet for
Hex(184970) contains.

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Color

Hex(184970)

Conversions

Conversions Part 1

Format	Color
Hex	184970
RGB	24, 73, 112
RGB Percent	9%, 29%, 44%
CMY	0.9059, 0.7137, 0.5608
CMYK	0.79, 0.35, 0.00, 0.56
HSL	207°, 65%, 27%
HSV	207°, 79%, 44%
XYZ	5.6839, 6.1291, 16.2127
YIQ	62.7950, -41.7230, 1.7410

Conversions

Conversions Part 2

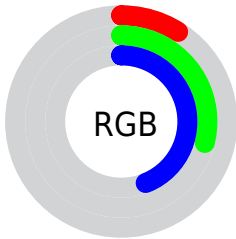
Format	Color
R_{YB}	24, 55, 112
Decimal	1591664
CIE _{Lab}	29.74, -1.61, -27.15
CIE _{LCh}	30, 27.198, 266.603
Yxy	6.1291, 0.2028, 0.2187
Android (android.graphics.Color)	4279781744 (0xFF184970)
YUV	62.7950, 24.2581, -34.0232
Hunter-Lab	24.7571, -2.3439, -21.4974

Details

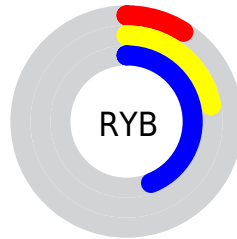
The Hex color **184970** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **703F18**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **5179A4**, and **001E40** is the 20% darker color. If you saturate the color by 10%, you get **0D4470**, and if you desaturate by 10%, it is **234E70**.

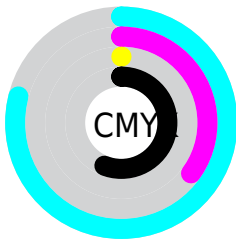
Distribution



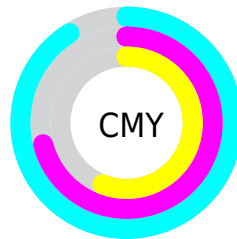
- Red (9%)
- Green (29%)
- Blue (44%)



- Red (9%)
- Yellow (22%)
- Blue (44%)



- Cyan (79%)
- Magenta (35%)
- Yellow (0%)
- Black (56%)



- Cyan (91%)
- Magenta (71%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 184970 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 184970 by changing the saturation by 10% instead.

■ 184970

■ 184970

FFFFFF

■ 003357

■ 5179A4

■ 001E40

■ 6C93BF

■ 00032A

■ 87AEDB

■ 000114

■ A3C9F8

■ 000000

■ BFE5FF

■ DCFFFF

■ F9FFFF

■ 184970

■ 184970

■ 0D4470

■ 234E70

■ 023F70

■ 2E5370

■ 003E70

■ 3A5870

■ 455D70

■ 506270

■ 5B6770

■ 666C70

■ 727170

■ 7D7670

Harmonies

Analogous

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



004E69



184970



44416C

Triad

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



184970



6D3634



254F2E

Complementary

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



184970



703F18

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.



404A1F



184970



653C23

Square

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



184970



6B3449



55441B



005143

Rectangle

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



184970



573C63



55441B



2F4D28

Sweetspot

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



184970



6E8291



18703E



35404A



C9C9C9



4A4A4A

Same Dimension

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



184970



095591



181E70



323638



004378



008AF7

Inverse Universe

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



701849



910955



706A18



383236



780043



F7008A

Previews

White Background



This preview shows how the Hex color 184970 looks on a white background.

Color Contrast Check

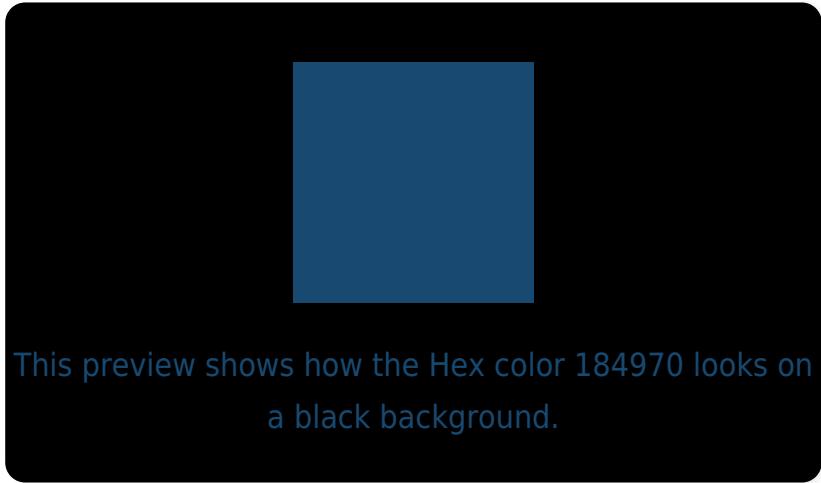
Large Text (above 18pt) WCAG AA ✓ Pass

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 184970 Background



This preview shows how black text looks on a background with the Hex color 184970.

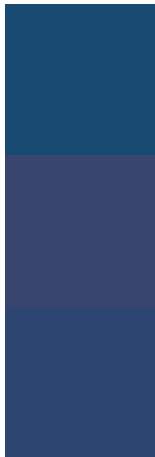


This preview shows how white text looks on a background with the Hex color 184970.

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
184970

Protanopia
38456C

Deuteranopia
2D4671



Tritanopia
004E54

Trichromacy



Original Color
184970

Protanomaly
2C466D

Deuteranomaly
254771

Tritanomaly
094C5E

Monochromacy



Original Color
184970

Achromatopsia
3F3F3F

Achromatomaly
314351

CSS Examples

Text

The CSS property to change the color of the text to Hex 184970 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 #184970 looks like.

```
.text, #text, p{  
    color:#184970  
}
```

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 #184970 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #184970
}
```

Border

The CSS property to change the border of an element to Hex 184970 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
#184970 }
```

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

```
.border{ border-color:#184970 }
```

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

Here you see how a box with a 4 pixel #184970 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #184970; -webkit-box-shadow:4px 4px  
4px 4px #184970; box-shadow:4px 4px 4px  
4px #184970 }
```

Background

The CSS property to change the background color of an element to Hex 184970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#184970 }
```

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

```
.background{ background-color:#184970 }
```

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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