

Converting Colors

Hex(1A4968)

Have a look what the booklet for
Hex(1A4968) contains.

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Color

Hex(1A4968)

Conversions

Conversions Part 1

Format	Color
Hex	1A4968
RGB	26, 73, 104
RGB Percent	10%, 29%, 41%
CMY	0.8980, 0.7137, 0.5922
CMYK	0.75, 0.30, 0.00, 0.59
HSL	204°, 60%, 25%
HSV	204°, 75%, 41%
XYZ	5.3072, 5.9842, 13.9720
YIQ	62.4810, -37.9630, -0.3230

Conversions

Conversions Part 2

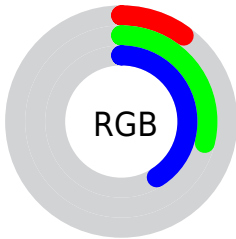
Format	Color
RYB	26, 55, 104
Decimal	1722728
CIELab	29.37, -4.46, -22.65
CIELCh	29, 23.085, 258.854
Yxy	5.9842, 0.2101, 0.2369
Android (android.graphics.Color)	4279912808 (0xFF1A4968)
YUV	62.4810, 20.4689, -31.9938
Hunter-Lab	24.4626, -4.0833, -16.7403

Details

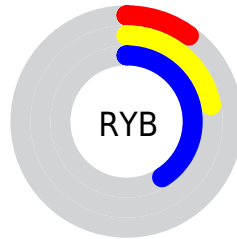
The Hex color **1A4968** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **68391A**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **51799B**, and **001E39** is the 20% darker color. If you saturate the color by 10%, you get **104568**, and if you desaturate by 10%, it is **244D68**.

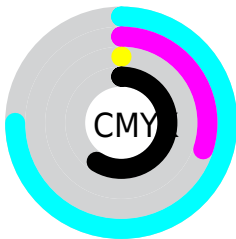
Distribution



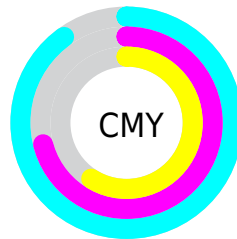
- Red (10%)
- Green (29%)
- Blue (41%)



- Red (10%)
- Yellow (22%)
- Blue (41%)



- Cyan (75%)
- Magenta (30%)
- Yellow (0%)
- Black (59%)



- Cyan (90%)
- Magenta (71%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A4968 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 1A4968 by changing the saturation by 10% instead.

■ 1A4968

■ 1A4968

FFFFFF

■ 003350

■ 51799B

■ 001E39

■ 6B93B6

■ 000223

■ 86AED2

■ 00000B

■ A1C9EE

■ 000000

■ BDE5FF

■ DAFFFF

■ F7FFFF

■ 1A4968

■ 1A4968

■ 104568

■ 244D68

■ 054168

■ 2F5168

■ 003F68

■ 395568

■ 445A68

■ 4E5E68

■ 586268

■ 636668

■ 6D6A68

■ 786E68

Harmonies

Analogous

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



004D60



1A4968



3D4367

Triad

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



1A4968



68373B



314C2D

Complementary

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



1A4968



68391A

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.



454822



1A4968



623C2B

Square

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



1A4968



63384D



564222



164E3E

Rectangle

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



1A4968



4E3F61



564222



384B29

Sweetspot

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



1A4968



687B87



1A6838



323D45



C4C4C4



454545

Same Dimension

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



1A4968



0E5787



1A2368



2E3133



004573



0092F2

Inverse Universe

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



681A49



870E57



685F1A



332E31



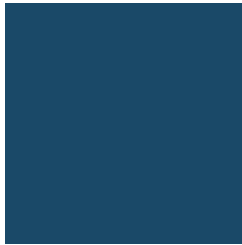
730045



F20092

Previews

White Background



This preview shows how the Hex color 1A4968 looks on a white background.

Color Contrast Check

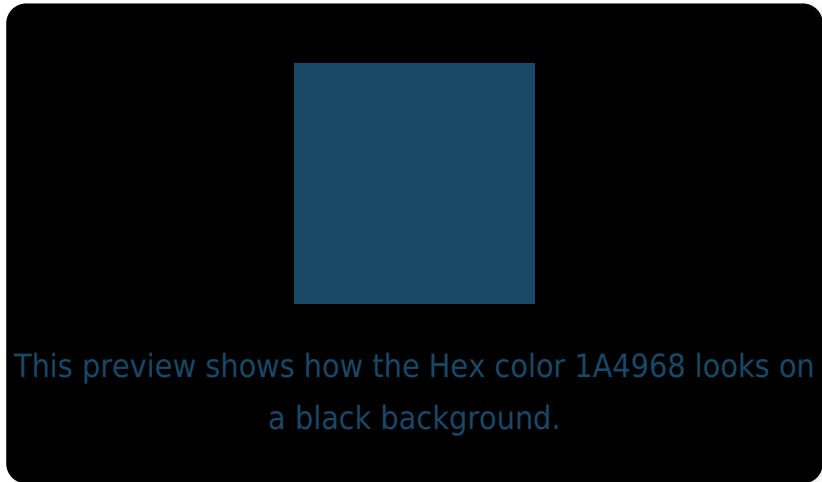
Large Text (above 18pt) WCAG AA ✓ Pass

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

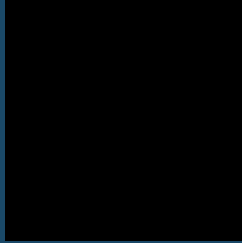
Any Text WCAG AA × Fail

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 1A4968 Background



This preview shows how black text looks on a background with the Hex color 1A4968.



This preview shows how white text looks on a background with the Hex color 1A4968.

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

1A4968

Protanopia

3B4464

Deuteranopia

344569

Trichromacy



Original Color

1A4968

Protanomaly

2F4665

Deuteranomaly

2B4669

Tritanomaly

094C5B

Monochromacy



Original Color

1A4968

Achromatopsia

3E3E3E

Achromatomaly

31424D

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A4968 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 #1A4968 looks like.

```
.text, #text, p{  
    color:#1A4968  
}
```

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 #1A4968 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A4968  
}
```

Border

The CSS property to change the border of an element to Hex 1A4968 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  
#1A4968 }
```

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

```
.border{ border-color:#1A4968 }
```

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

Here you see how a box with a 4 pixel #1A4968 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A4968; -webkit-box-shadow:4px 4px  
4px 4px #1A4968; box-shadow:4px 4px 4px  
4px #1A4968 }
```

Background

The CSS property to change the background color of an element to Hex 1A4968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A4968 }
```

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

```
.background{ background-color:#1A4968 }
```

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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