

Converting Colors

Hex(164968)

Have a look what the booklet for
Hex(164968) contains.

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Color

Hex(164968)

Conversions

Conversions Part 1

Format	Color
Hex	164968
RGB	22, 73, 104
RGB Percent	9%, 29%, 41%
CMY	0.9137, 0.7137, 0.5922
CMYK	0.79, 0.30, 0.00, 0.59
HSL	203°, 65%, 25%
HSV	203°, 79%, 41%
XYZ	5.2121, 5.9351, 13.9676
YIQ	61.2850, -40.3470, -1.1710

Conversions

Conversions Part 2

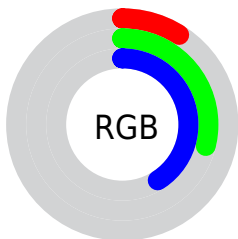
Format	Color
RYB	22, 53, 104
Decimal	1460584
CIELab	29.25, -5.08, -22.85
CIELCh	29, 23.410, 257.478
Yxy	5.9351, 0.2075, 0.2363
Android (android.graphics.Color)	4279650664 (0xFF164968)
YUV	61.2850, 21.0585, -34.4529
Hunter-Lab	24.3621, -4.4449, -16.9394

Details

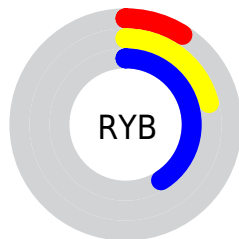
The Hex color **164968** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **683516**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **4E799B**, and **001E39** is the 20% darker color. If you saturate the color by 10%, you get **0C4568**, and if you desaturate by 10%, it is **204D68**.

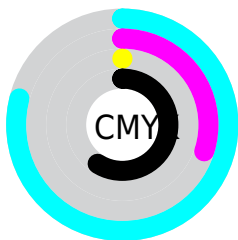
Distribution



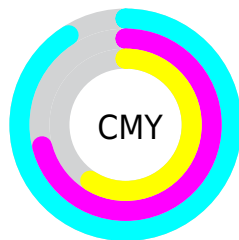
- Red (9%)
- Green (29%)
- Blue (41%)



- Red (9%)
- Yellow (21%)
- Blue (41%)



- Cyan (79%)
- Magenta (30%)
- Yellow (0%)
- Black (59%)



- Cyan (91%)
- Magenta (71%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 164968 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 164968 by changing the saturation by 10% instead.

■ 164968

■ 164968

FFFFFF

■ 003350

■ 4E799B

■ 001E39

■ 6993B6

■ 000223

■ 84AED2

■ 00000B

■ 9FC9EE

■ 000000

■ BBE5FF

■ D8FFFF

■ F5FFFF

■ 164968

■ 164968

■ 0C4568

■ 204D68

■ 014168

■ 2B5168

■ 004168

■ 355568

■ 405968

■ 4A5D68

■ 546168

■ 5F6568

■ 696868

■ 746C68

Harmonies

Analogous

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



004D5F



164968



3B4367

Triad

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



164968



68373B



314B2C

Complementary

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



164968



683516

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.



464721



164968



633B2B

Square

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



164968



63374D



574121



164E3C

Rectangle

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



164968



4D3E62



574121



384A27

Sweetspot

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



164968



677B87



166834



313D45



C4C4C4



454545

Same Dimension

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



164968



075787



162168



2E3133



004773



0097F2

Inverse Universe

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



681649



870757



685D16



332E31



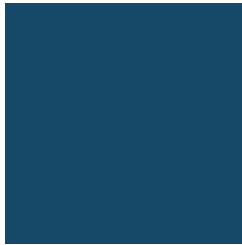
730047



F20097

Previews

White Background



This preview shows how the Hex color 164968 looks on a white background.

Color Contrast Check

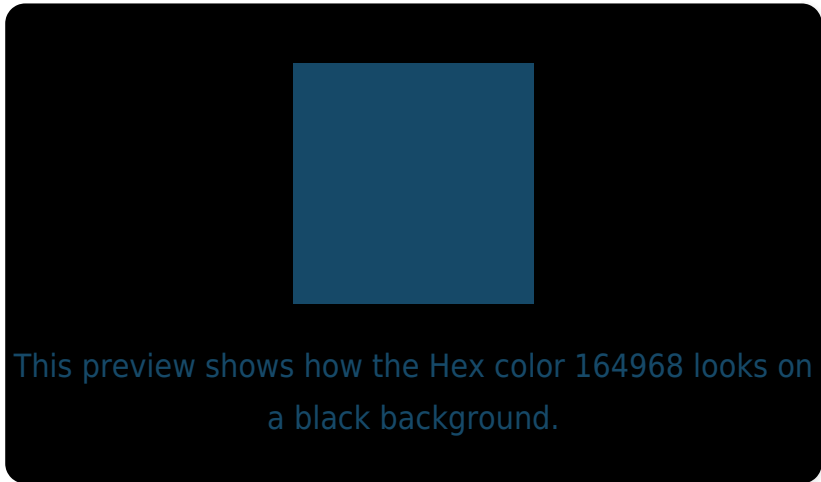
Large Text (above 18pt) WCAG AA ✓ Pass

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

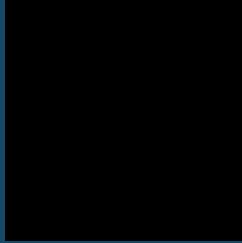
Any Text WCAG AA × Fail

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 164968 Background



This preview shows how black text looks on a background with the Hex color 164968.



This preview shows how white text looks on a background with the Hex color 164968.

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
164968

Protanopia
3A4464

Deuteranopia
334569

Trichromacy



Original Color
164968

Protanomaly
2D4665

Deuteranomaly
284669

Tritanomaly
084C5B

Monochromacy



Original Color
164968

Achromatopsia
3D3D3D

Achromatomaly
2F414D

CSS Examples

Text

The CSS property to change the color of the text to Hex 164968 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 #164968 looks like.

```
.text, #text, p{  
    color:#164968  
}
```

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 #164968 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #164968
}
```

Border

The CSS property to change the border of an element to Hex 164968 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
#164968 }
```

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

```
.border{ border-color:#164968 }
```

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

Here you see how a box with a 4 pixel #164968 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #164968; -webkit-box-shadow:4px 4px  
4px 4px #164968; box-shadow:4px 4px 4px  
4px #164968 }
```

Background

The CSS property to change the background color of an element to Hex 164968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#164968 }
```

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

```
.background{ background-color:#164968 }
```

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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