

Converting Colors

Hex(164B66)

Have a look what the booklet for
Hex(164B66) contains.

Hex(164B66)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(164B66)

Conversions

Conversions Part 1

Format	Color
Hex	164B66
RGB	22, 75, 102
RGB Percent	9%, 29%, 40%
CMY	0.9137, 0.7059, 0.6000
CMYK	0.78, 0.26, 0.00, 0.60
HSL	200°, 65%, 24%
HSV	200°, 78%, 40%
XYZ	5.2452, 6.1620, 13.4833
YIQ	62.2310, -40.2550, -2.8390

Conversions

Conversions Part 2

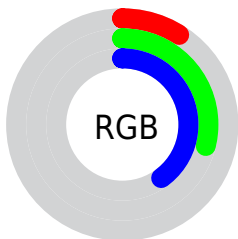
Format	Color
R_{YB}	22, 54, 102
Decimal	1461094
CIE _{Lab}	29.82, -7.13, -20.69
CIE _{LCh}	30, 21.885, 250.991
Yxy	6.1620, 0.2107, 0.2476
Android (android.graphics.Color)	4279651174 (0xFF164B66)
YUV	62.2310, 19.6061, -35.2826
Hunter-Lab	24.8234, -5.7238, -14.8280

Details

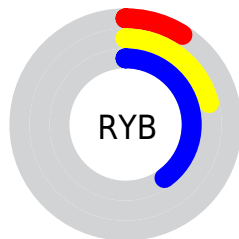
The Hex color **164B66** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **663116**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **4E7C99**, and **001F37** is the 20% darker color. If you saturate the color by 10%, you get **0C4866**, and if you desaturate by 10%, it is **204E66**.

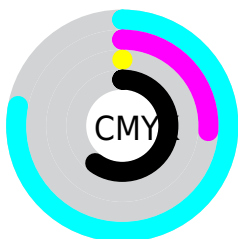
Distribution



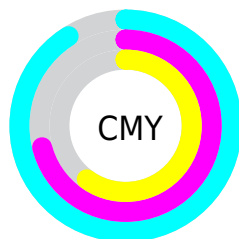
- Red (9%)
- Green (29%)
- Blue (40%)



- Red (9%)
- Yellow (21%)
- Blue (40%)



- Cyan (78%)
- Magenta (26%)
- Yellow (0%)
- Black (60%)



- Cyan (91%)
- Magenta (71%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 164B66 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 164B66 by changing the saturation by 10% instead.

■ 164B66

■ 164B66

FFFFFF

■ 00344E

■ 4E7C99

■ 001F37

■ 6995B4

■ 000222

■ 83B0D0

■ 000008

■ 9FCCEC

■ 000000

■ BBE8FF

■ D7FFFF

■ F4FFFF

■ 164B66

■ 164B66

■ 0C4866

■ 204E66

■ 024466

■ 2A5266

■ 004466

■ 355566

■ 3F5966

■ 495C66

■ 536066

■ 5D6366

■ 686766

■ 726A66

Harmonies

Analogous

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



004E5C



164B66



374667

Triad

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



164B66



673941



384C2C

Complementary

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



164B66



663116

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.



4B4724



164B66



643C31

Square

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



164B66



603A52



5A4126



224E3B

Rectangle

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



164B66



494263



5A4126



3F4A28

Sweetspot

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



164B66



657A85



166631



2F3C42



C2C2C2



424242

Same Dimension

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



164B66



085B85



162366



2E3133



004C73



00A0F2

Inverse Universe

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



66164B



85085B



665916



332E31



73004C



F200A0

Previews

White Background



This preview shows how the Hex color 164B66 looks on a white background.

Color Contrast Check

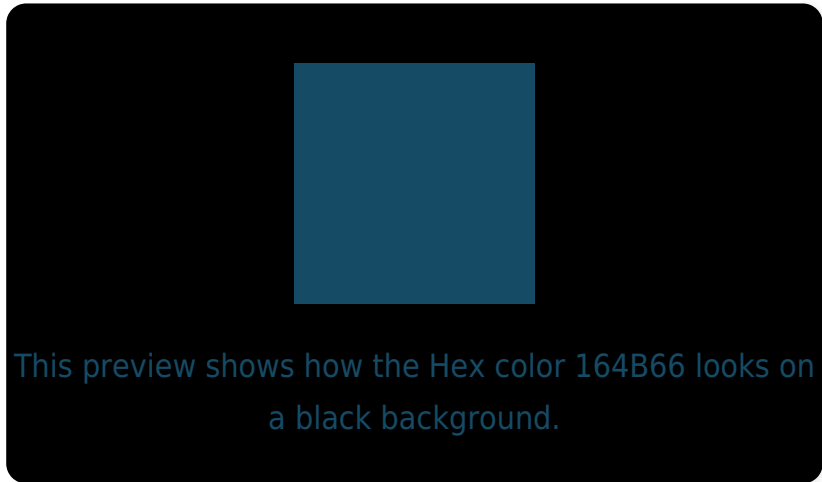
Large Text (above 18pt) WCAG AA ✓ Pass

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

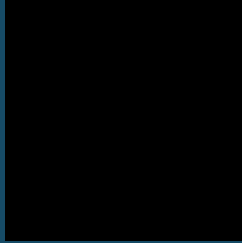
Any Text WCAG AA × Fail

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 164B66 Background



This preview shows how black text looks on a background with the Hex color 164B66.



This preview shows how white text looks on a background with the Hex color 164B66.

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
164B66

Protanopia
3E4561

Deuteranopia
384667



Tritanopia
004E54

Trichromacy



Original Color
164B66

Protanomaly
2F4763

Deuteranomaly
2C4867

Tritanomaly
084D5B

Monochromacy



Original Color
164B66

Achromatopsia
3E3E3E

Achromatomaly
2F434D

CSS Examples

Text

The CSS property to change the color of the text to Hex 164B66 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 #164B66 looks like.

```
.text, #text, p{  
    color:#164B66  
}
```

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 #164B66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #164B66
}
```

Border

The CSS property to change the border of an element to Hex 164B66 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
#164B66 }
```

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

```
.border{ border-color:#164B66 }
```

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

Here you see how a box with a 4 pixel #164B66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #164B66; -webkit-box-shadow:4px 4px  
4px 4px #164B66; box-shadow:4px 4px 4px  
4px #164B66 }
```

Background

The CSS property to change the background color of an element to Hex 164B66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#164B66 }
```

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

```
.background{ background-color:#164B66 }
```

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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