

Converting Colors

Hex(164D79)

Have a look what the booklet for
Hex(164D79) contains.

Hex(164D79)	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(164D79)

Conversions

Conversions Part 1

Format	Color
Hex	164D79
RGB	22, 77, 121
RGB Percent	9%, 30%, 47%
CMY	0.9137, 0.6980, 0.5255
CMYK	0.82, 0.36, 0.00, 0.53
HSL	207°, 69%, 28%
HSV	207°, 82%, 47%
XYZ	6.4359, 6.8588, 19.0738
YIQ	65.5710, -46.9040, 2.0240

Conversions

Conversions Part 2

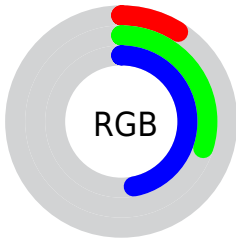
Format	Color
RYB	22, 57, 121
Decimal	1461625
CIELab	31.48, -0.87, -30.04
CIELCh	31, 30.052, 268.334
Yxy	6.8588, 0.1988, 0.2119
Android (android.graphics.Color)	4279651705 (0xFF164D79)
YUV	65.5710, 27.3265, -38.2118
Hunter-Lab	26.1893, -1.9655, -24.8487

Details

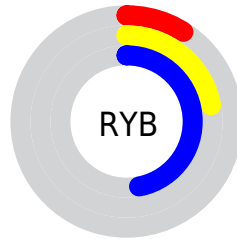
The Hex color **164D79** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **794216**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **537EAE**, and **002148** is the 20% darker color. If you saturate the color by 10%, you get **0A4879**, and if you desaturate by 10%, it is **225279**.

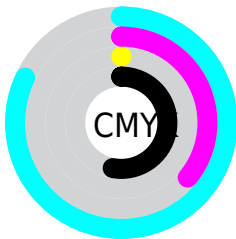
Distribution



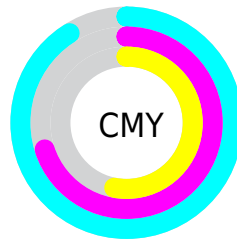
- Red (9%)
- Green (30%)
- Blue (47%)



- Red (9%)
- Yellow (22%)
- Blue (47%)



- Cyan (82%)
- Magenta (36%)
- Yellow (0%)
- Black (53%)



- Cyan (91%)
- Magenta (70%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 164D79 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 164D79 by changing the saturation by 10% instead.

■ 164D79

■ 164D79

FFFFFF

■ 003660

■ 537EAE

■ 002148

■ 6E97C9

■ 000A31

■ 89B2E5

■ 00011C

■ A5CEFF

■ 000000

■ C1EAFF

■ DEFFFF

■ FCFE99

■ 164D79

■ 164D79

■ 0A4879

■ 225279

■ 004379

■ 2E5879

■ 3A5D79

■ 466379

■ 526879

■ 5F6D79

■ 6B7379

■ 777879

■ 837D79

Harmonies

Analogous

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



005372



164D79



494474

Triad

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



164D79



753835



235430

Complementary

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



164D79



794216

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.



414F1F



164D79



6B4022

Square

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



164D79



74364C



594819



005648

Rectangle

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



164D79



5E3E6A



594819



2E522A

Sweetspot

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



164D79



778D9E



167941



37454F



CFCFCF



4F4F4F

Same Dimension

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



164D79



03599E



161D79



373A3D



00457D



008CFC

Inverse Universe

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



79164D



9E0359



797216



3D373A



7D0045



FC008C

Previews

White Background



This preview shows how the Hex color 164D79 looks on a white background.

Color Contrast Check

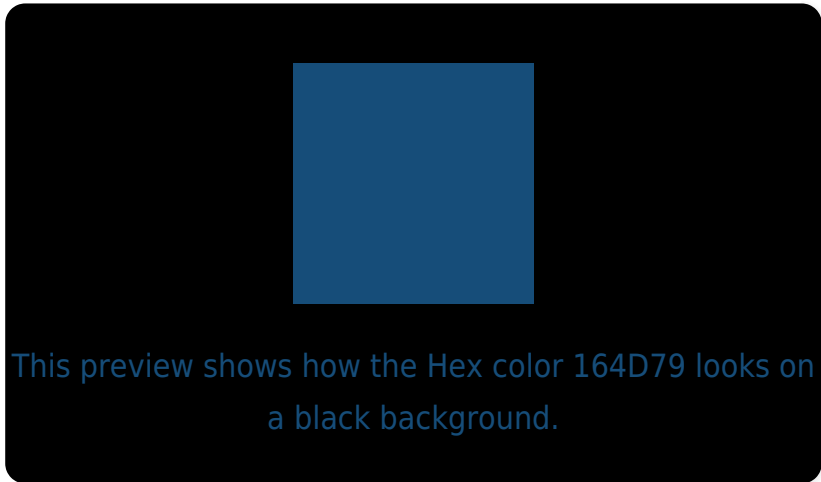
Large Text (above 18pt) WCAG AA ✓ Pass

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

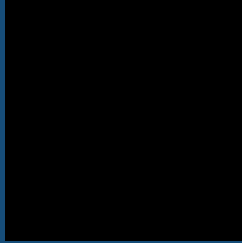
Any Text WCAG AA × Fail

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 164D79 Background



This preview shows how black text looks on a background with the Hex color 164D79.



This preview shows how white text looks on a background with the Hex color 164D79.

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

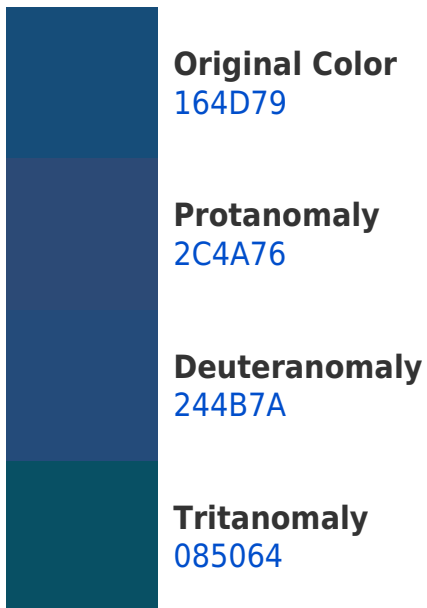


Original Color
164D79

Protanopia
394975

Deuteranopia
2C4A7A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 164D79 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 #164D79 looks like.

```
.text, #text, p{  
    color:#164D79  
}
```

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 #164D79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #164D79
}
```

Border

The CSS property to change the border of an element to Hex 164D79 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
#164D79 }
```

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

```
.border{ border-color:#164D79 }
```

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

Here you see how a box with a 4 pixel #164D79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #164D79; -webkit-box-shadow:4px 4px  
4px 4px #164D79; box-shadow:4px 4px 4px  
4px #164D79 }
```

Background

The CSS property to change the background color of an element to Hex 164D79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#164D79 }
```

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

```
.background{ background-color:#164D79 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor