

# Converting Colors

Hex(1A6580)

Have a look what the booklet for  
Hex(1A6580) contains.

<b>Hex(1A6580)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(1A6580)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1A6580
RGB	26, 101, 128
RGB Percent	10%, 40%, 50%
CMY	0.8980, 0.6039, 0.4980
CMYK	0.80, 0.21, 0.00, 0.50
HSL	196°, 66%, 30%
HSV	196°, 80%, 50%
XYZ	8.9760, 11.0855, 22.0887
YIQ	81.6530, -53.3670, -7.5030

# Conversions

## Conversions Part 2

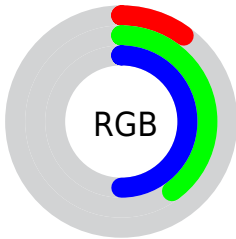
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	26, 69, 128
Decimal	1729920
CIE <sub>Lab</sub>	39.72, -12.50, -21.44
CIE <sub>LCh</sub>	40, 24.817, 239.765
Yxy	11.0855, 0.2130, 0.2630
Android (android.graphics.Color)	4279920000 (0xFF1A6580)
YUV	81.6530, 22.8491, -48.8077
Hunter-Lab	33.2949, -10.1442, -16.0282

# Details

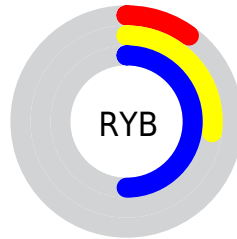
The Hex color **1A6580** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **80351A**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **5798B5**, and **00364F** is the 20% darker color. If you saturate the color by 10%, you get **0D6280**, and if you desaturate by 10%, it is **276880**.

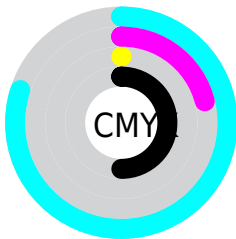
# Distribution



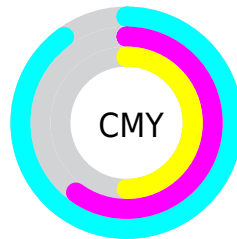
- Red (10%)
- Green (40%)
- Blue (50%)



- Red (10%)
- Yellow (27%)
- Blue (50%)



- Cyan (80%)
- Magenta (21%)
- Yellow (0%)
- Black (50%)



- Cyan (90%)
- Magenta (60%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1A6580 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 1A6580 by changing the saturation by 10% instead.



■ 1A6580

■ 1A6580

FFFFFF

■ 004D67

■ 5798B5

■ 00364F

■ 73B3D1

■ 002138

■ 8FCEED

■ 000223

■ ABEAFF

■ 000009

■ C8FFFF

■ 000000

■ E5FFFF

■ 1A6580

■ 1A6580

■ 0D6280

■ 276880

■ 005E80

■ 346C80

■ 406F80

■ 4D7380

■ 5A7680

■ 677980

■ 747D80

■ 808080

■ 8D8380

# Harmonies

## Analogous

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



026871



1A6580



406086

# Triad

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



1A6580



834E5F



56623A

# Complementary

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



1A6580



80351A

# 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.



6B5C35



1A6580



844F4B

# Square

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



1A6580



775172



7B553B



3E6649

# Rectangle

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



1A6580



565B84



7B553B



5D6137



# Sweetspot

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



1A6580



7E9BA6



1A8034



3C4E54



D4D4D4



545454



# Same Dimension

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



1A6580



077CA6



1A3480



393E40



005E80



000000



# Inverse Universe

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



801A65



A6077C



80671A



40393E



80005E



000000



# Previews

## White Background



This preview shows how the Hex color 1A6580 looks on a white background.

## Color Contrast Check

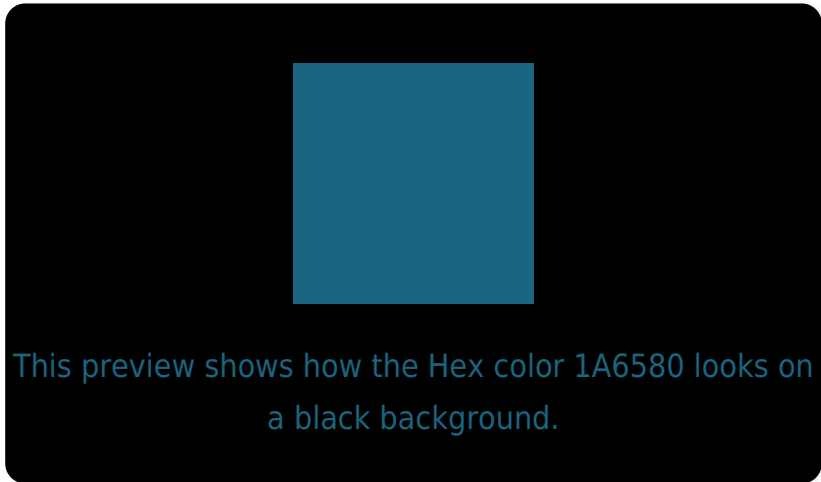
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

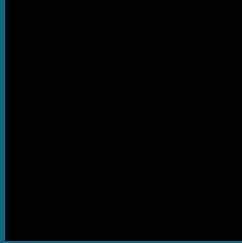
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

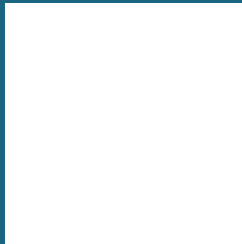
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1A6580 Background



This preview shows how black text looks on a background with the Hex color 1A6580.



This preview shows how white text looks on a background with the Hex color 1A6580.

# Color Blindness Simulation

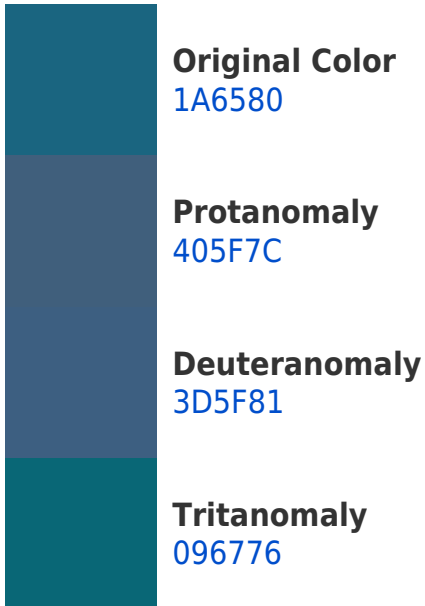
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1A6580 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 #1A6580 looks like.

```
.text, #text, p{  
    color:#1A6580  
}
```

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 #1A6580 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A6580
}
```

## Border

The CSS property to change the border of an element to Hex 1A6580 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
#1A6580 }
```

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

```
.border{ border-color:#1A6580 }
```

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

Here you see how a box with a 4 pixel #1A6580 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A6580; -webkit-box-shadow:4px 4px  
4px 4px #1A6580; box-shadow:4px 4px 4px  
4px #1A6580 }
```

# Background

The CSS property to change the background color of an element to Hex 1A6580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A6580 }
```

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

```
.background{ background-color:#1A6580 }
```

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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