

Converting Colors

Hex(1A5C84)

Have a look what the booklet for
Hex(1A5C84) contains.

Hex(1A5C84)	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>	28

Color

Hex(1A5C84)

Conversions

Conversions Part 1

Format	Color
Hex	1A5C84
RGB	26, 92, 132
RGB Percent	10%, 36%, 52%
CMY	0.8980, 0.6392, 0.4824
CMYK	0.80, 0.30, 0.00, 0.48
HSL	203°, 67%, 31%
HSV	203°, 80%, 52%
XYZ	8.4180, 9.5398, 23.2275
YIQ	76.8260, -52.1760, -1.5520

Conversions

Conversions Part 2

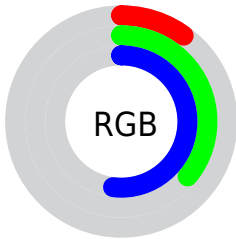
Format	Color
R_{YB}	26, 67, 132
Decimal	1727620
CIE Lab	37.00, -5.59, -28.12
CIE LCh	37, 28.667, 258.757
Yxy	9.5398, 0.2044, 0.2316
Android (android.graphics.Color)	4279917700 (0xFF1A5C84)
YUV	76.8260, 27.2008, -44.5744
Hunter-Lab	30.8866, -5.4023, -22.9668

Details

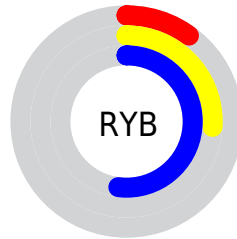
The Hex color **1A5C84** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **84421A**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **588EB9**, and **002E52** is the 20% darker color. If you saturate the color by 10%, you get **0D5784**, and if you desaturate by 10%, it is **276184**.

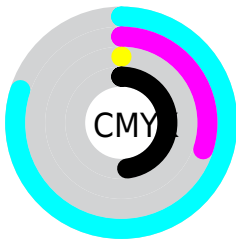
Distribution



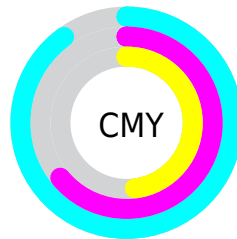
- Red (10%)
- Green (36%)
- Blue (52%)



- Red (10%)
- Yellow (26%)
- Blue (52%)



- Cyan (80%)
- Magenta (30%)
- Yellow (0%)
- Black (48%)



- Cyan (90%)
- Magenta (64%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A5C84 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 1A5C84 by changing the saturation by 10% instead.

■ 1A5C84

■ 1A5C84

FFFFFF

■ 00456B

■ 588EB9

■ 002E52

■ 73A8D5

■ 001A3B

■ 8FC4F2

■ 000225

■ ABE0FF

■ 00010E

■ C8FCFF

■ 000000

■ E5FFFF

■ 1A5C84

■ 1A5C84

■ 0D5784

■ 276184

■ 005284

■ 346684

■ 426B84

■ 4F7084

■ 5C7584

■ 697A84

■ 767F84

■ 848484

■ 918984

Harmonies

Analogous

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



006179



1A5C84



4B5483

Triad

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



1A5C84



834549



3C6038

Complementary

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



1A5C84



84421A

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.



575A2A



1A5C84



7C4A35

Square

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



1A5C84



7E4561



6D5329



17624D

Rectangle

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



1A5C84



624E7B



6D5329



465E32

Sweetspot

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



1A5C84



829BAB



1A8441



3E4D57



D6D6D6



575757

Same Dimension

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



1A5C84



076DAB



1A2884



3C4042



005182



000203

Inverse Universe

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



841A5C



AB076D



84761A



423C40



820051



030002

Previews

White Background



This preview shows how the Hex color 1A5C84 looks on a white background.

Color Contrast Check

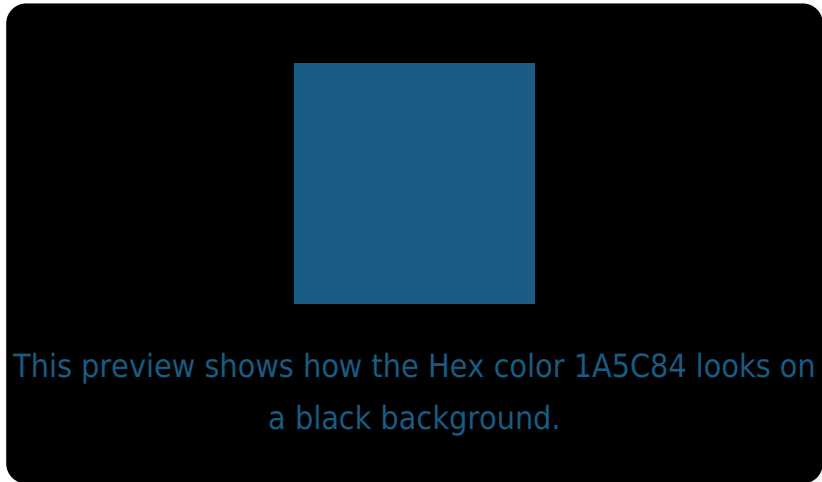
Large Text (above 18pt) WCAG AA ✓ Pass

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

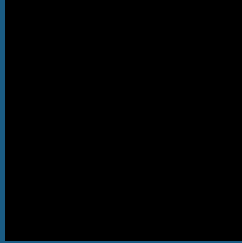
Any Text WCAG AA × Fail

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 1A5C84 Background



This preview shows how black text looks on a background with the Hex color 1A5C84.



This preview shows how white text looks on a background with the Hex color 1A5C84.

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



Original Color
1A5C84

Protanomaly
385880

Deuteranomaly
325985

Monochromacy



Original Color
1A5C84

Achromatopsia
4D4D4D

Achromatomaly
3A5261

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A5C84 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 #1A5C84 looks like.

```
.text, #text, p{  
    color:#1A5C84  
}
```

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 #1A5C84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A5C84
}
```

Border

The CSS property to change the border of an element to Hex 1A5C84 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
#1A5C84 }
```

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

```
.border{ border-color:#1A5C84 }
```

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

Here you see how a box with a 4 pixel #1A5C84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A5C84; -webkit-box-shadow:4px 4px  
4px 4px #1A5C84; box-shadow:4px 4px 4px  
4px #1A5C84 }
```

Background

The CSS property to change the background color of an element to Hex 1A5C84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A5C84 }
```

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

```
.background{ background-color:#1A5C84 }
```

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