

Converting Colors

Hex(1A6686)

Have a look what the booklet for
Hex(1A6686) contains.

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Color

Hex(1A6686)

Conversions

Conversions Part 1

Format	Color
Hex	1A6686
RGB	26, 102, 134
RGB Percent	10%, 40%, 53%
CMY	0.8980, 0.6000, 0.4745
CMYK	0.81, 0.24, 0.00, 0.47
HSL	198°, 68%, 31%
HSV	198°, 81%, 53%
XYZ	9.4804, 11.4436, 24.2634
YIQ	82.9240, -55.5680, -6.1600

Conversions

Conversions Part 2

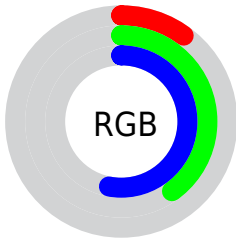
Format	Color
RYB	26, 71, 134
Decimal	1730182
CIELab	40.32, -10.87, -24.15
CIElCh	40, 26.486, 245.777
Yxy	11.4436, 0.2098, 0.2532
Android (android.graphics.Color)	4279920262 (0xFF1A6686)
YUV	82.9240, 25.1805, -49.9223
Hunter-Lab	33.8284, -9.1748, -18.8459

Details

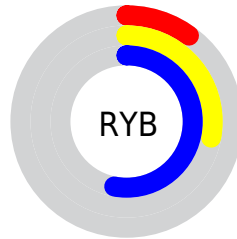
The Hex color **1A6686** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **863A1A**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **5999BB**, and **003754** is the 20% darker color. If you saturate the color by 10%, you get **0D6286**, and if you desaturate by 10%, it is **276A86**.

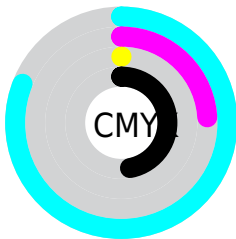
Distribution



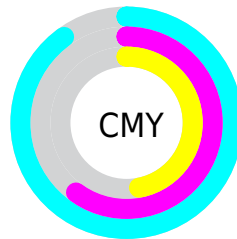
- Red (10%)
- Green (40%)
- Blue (53%)



- Red (10%)
- Yellow (28%)
- Blue (53%)



- Cyan (81%)
- Magenta (24%)
- Yellow (0%)
- Black (47%)



- Cyan (90%)
- Magenta (60%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A6686 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 1A6686 by changing the saturation by 10% instead.

■ 1A6686

■ 1A6686

FFFFFF

■ 004E6D

■ 5999BB

■ 003754

■ 75B4D7

■ 00223D

■ 91CFF4

■ 000527

■ ADECFF

■ 000111

■ CAFFFF

■ 000000

■ E7FFFF

■ 1A6686

■ 1A6686

■ 0D6286

■ 276A86

■ 005E86

■ 356E86

■ 427286

■ 507686

■ 5D7A86

■ 6A7E86

■ 788286

■ 858686

■ 938A86

Harmonies

Analogous

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



006A78



1A6686



46608A

Triad

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



1A6686



884E5C



52653B

Complementary

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



1A6686



863A1A

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.



695F33



1A6686



875147

Square

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



1A6686



7E5171



7B5838



37694D

Rectangle

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



1A6686



5D5B86



7B5838



5A6337

Sweetspot

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



1A6686



84A1AD



1A8639



3E4F57



D6D6D6



575757

Same Dimension

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



1A6686



057CAD



1A3186



3C4042



005C82



000203

Inverse Universe

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



861A66



AD057C



866F1A



423C40



82005C



030002

Previews

White Background



This preview shows how the Hex color 1A6686 looks on a white background.

Color Contrast Check

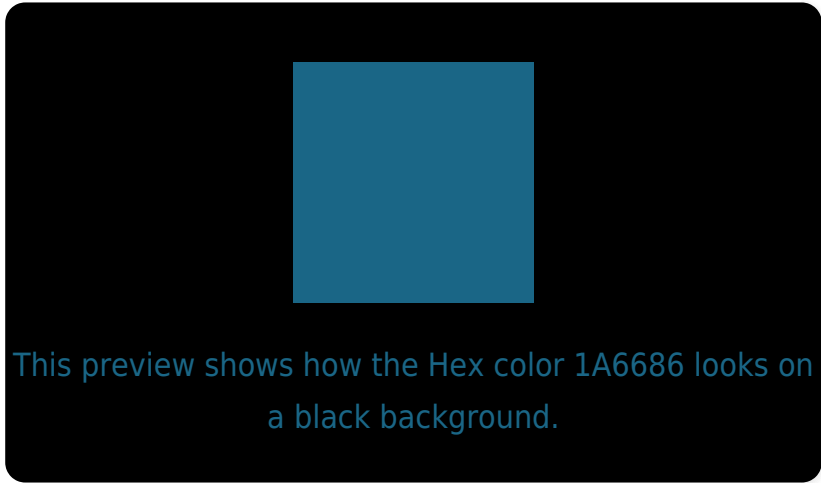
Large Text (above 18pt) WCAG AA ✓ Pass

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

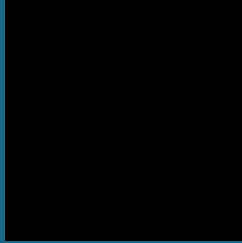
Any Text WCAG AA × Fail

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 1A6686 Background



This preview shows how black text looks on a background with the Hex color 1A6686.

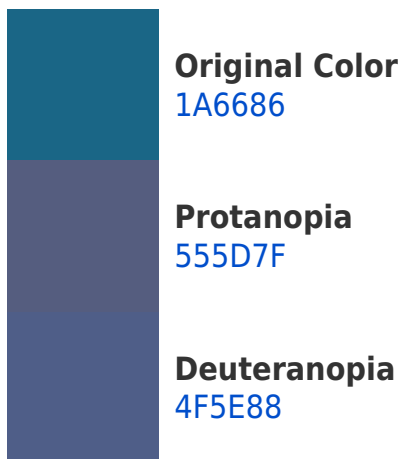


This preview shows how white text looks on a background with the Hex color 1A6686.

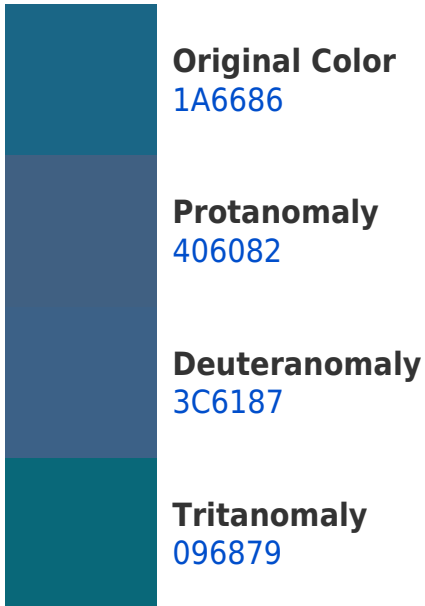
Color Blindness Simulation

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](#).

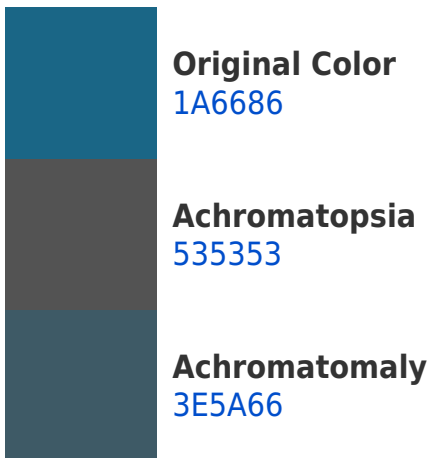
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1A6686 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 #1A6686 looks like.

```
.text, #text, p{  
    color:#1A6686  
}
```

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 #1A6686 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A6686
}
```

Border

The CSS property to change the border of an element to Hex 1A6686 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
#1A6686 }
```

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

```
.border{ border-color:#1A6686 }
```

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

Here you see how a box with a 4 pixel #1A6686 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A6686; -webkit-box-shadow:4px 4px  
4px 4px #1A6686; box-shadow:4px 4px 4px  
4px #1A6686 }
```

Background

The CSS property to change the background color of an element to Hex 1A6686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A6686 }
```

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

```
.background{ background-color:#1A6686 }
```

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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