

Converting Colors

Hex(1C6676)

Have a look what the booklet for
Hex(1C6676) contains.

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Color

Hex(1C6676)

Conversions

Conversions Part 1

Format	Color
Hex	1C6676
RGB	28, 102, 118
RGB Percent	11%, 40%, 46%
CMY	0.8902, 0.6000, 0.5373
CMYK	0.76, 0.14, 0.00, 0.54
HSL	191°, 62%, 29%
HSV	191°, 76%, 46%
XYZ	8.5003, 11.0576, 18.8259
YIQ	81.6980, -49.2400, -10.7120

Conversions

Conversions Part 2

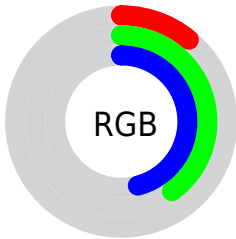
Format	Color
R_{YB}	28, 69, 118
Decimal	1861238
CIE _{Lab}	39.68, -16.39, -15.42
CIE _{LCh}	40, 22.507, 223.260
Yxy	11.0576, 0.2215, 0.2881
Android (android.graphics.Color)	4280051318 (0xFF1C6676)
YUV	81.6980, 17.8969, -47.0931
Hunter-Lab	33.2530, -12.5638, -10.2893

Details

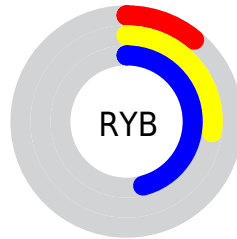
The Hex color **1C6676** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **762C1C**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **5799AA**, and **003746** is the 20% darker color. If you saturate the color by 10%, you get **106476**, and if you desaturate by 10%, it is **286876**.

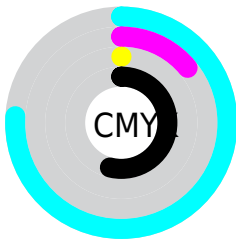
Distribution



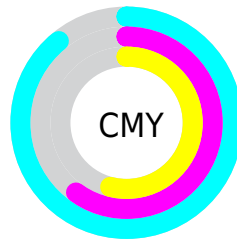
- Red (11%)
- Green (40%)
- Blue (46%)



- Red (11%)
- Yellow (27%)
- Blue (46%)



- Cyan (76%)
- Magenta (14%)
- Yellow (0%)
- Black (54%)



- Cyan (89%)
- Magenta (60%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C6676 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 1C6676 by changing the saturation by 10% instead.

■ 1C6676

■ 1C6676

FFFFFF

■ 004E5D

■ 5799AA

■ 003746

■ 72B4C5

■ 00212F

■ 8ED0E1

■ 00011B

■ AAECFE

■ 000000

■ C6FFFF

■ E3FFFF

■ 1C6676

■ 1C6676

■ 106476

■ 286876

046276

346A76

006176

3F6C76

4B6E76

577076

637376

6F7576

7A7776

867976

Harmonies

Analogous

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



216765



1C6676



336280

Triad

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



1C6676



7B5168



625F39

Complementary

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



1C6676



762C1C

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.



73593B



1C6676



825056

Square

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



1C6676



6A5678



7E5345



4D6442

Rectangle

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



1C6676



475F82



7E5345



685D39

Sweetspot

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



1C6676



769399



1C762B



37494D



CCCCCC



4D4D4D

Same Dimension

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



1C6676



0C8099



1C3A76



353A3B



00657A



00CDFA

Inverse Universe

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



761C66



990C80



76581C



3B353A



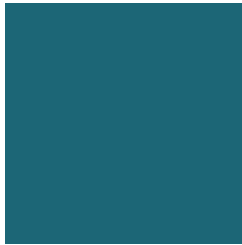
7A0065



FA00CD

Previews

White Background



This preview shows how the Hex color 1C6676 looks on a white background.

Color Contrast Check

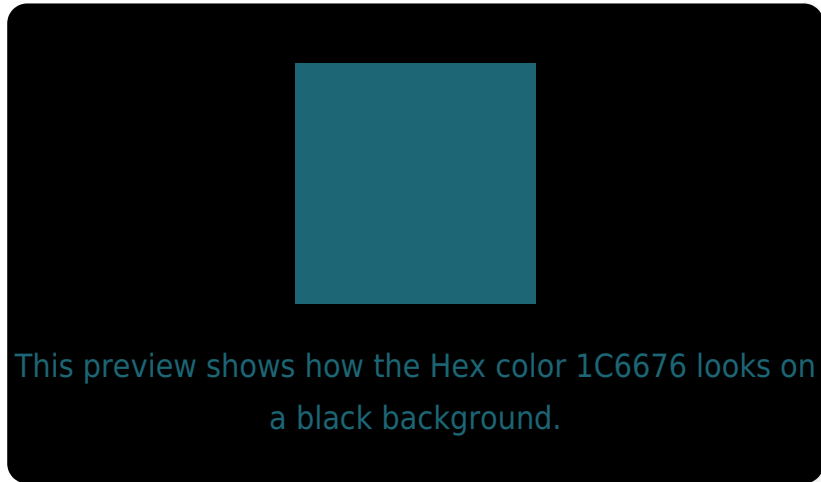
Large Text (above 18pt) WCAG AA ✓ Pass

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

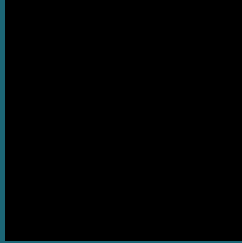
Any Text WCAG AA × Fail

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 1C6676 Background



This preview shows how black text looks on a background with the Hex color 1C6676.

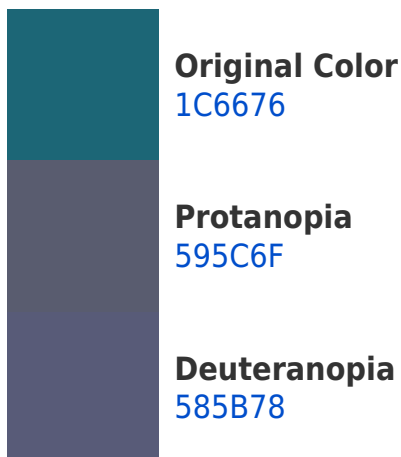



This preview shows how white text looks on a background with the Hex color 1C6676.

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](#).

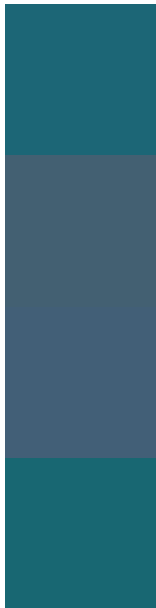
Dichromacy





Tritanopia
16676F

Trichromacy



Original Color
1C6676

Protanomaly
436072

Deuteranomaly
425F77

Tritanomaly
186772

Monochromacy



Original Color
1C6676

Achromatopsia
525252

Achromatomaly
3E595F

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C6676 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 #1C6676 looks like.

```
.text, #text, p{  
    color:#1C6676  
}
```

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 #1C6676 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C6676  
}
```

Border

The CSS property to change the border of an element to Hex 1C6676 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  
#1C6676 }
```

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

```
.border{ border-color:#1C6676 }
```

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

Here you see how a box with a 4 pixel #1C6676 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C6676; -webkit-box-shadow:4px 4px  
4px 4px #1C6676; box-shadow:4px 4px 4px  
4px #1C6676 }
```

Background

The CSS property to change the background color of an element to Hex 1C6676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C6676 }
```

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

```
.background{ background-color:#1C6676 }
```

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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