

Converting Colors

Hex(15677A)

Have a look what the booklet for
Hex(15677A) contains.

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Color

Hex(15677A)

Conversions

Conversions Part 1

Format	Color
Hex	15677A
RGB	21, 103, 122
RGB Percent	8%, 40%, 48%
CMY	0.9176, 0.5961, 0.5216
CMYK	0.83, 0.16, 0.00, 0.52
HSL	191°, 71%, 28%
HSV	191°, 83%, 48%
XYZ	8.6724, 11.2651, 20.1296
YIQ	80.6480, -54.9710, -11.4750

Conversions

Conversions Part 2

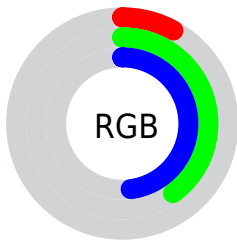
Format	Color
R_{YB}	21, 66, 122
Decimal	1402746
CIE _{Lab}	40.02, -16.38, -17.34
CIE _{LCh}	40, 23.857, 226.630
Yxy	11.2651, 0.2164, 0.2812
Android (android.graphics.Color)	4279592826 (0xFF15677A)
YUV	80.6480, 20.3865, -52.3113
Hunter-Lab	33.5635, -12.6140, -12.0647

Details

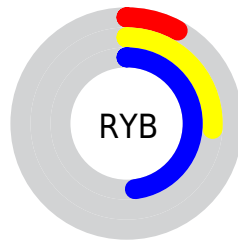
The Hex color **15677A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7A2815**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **549AAE**, and **003849** is the 20% darker color. If you saturate the color by 10%, you get **09657A**, and if you desaturate by 10%, it is **21697A**.

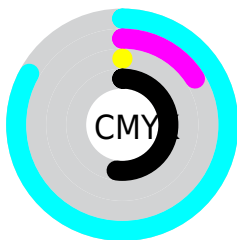
Distribution



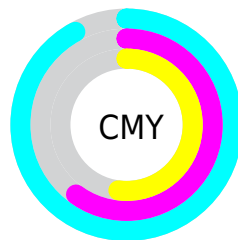
- Red (8%)
- Green (40%)
- Blue (48%)



- Red (8%)
- Yellow (26%)
- Blue (48%)



- Cyan (83%)
- Magenta (16%)
- Yellow (0%)
- Black (52%)



- Cyan (92%)
- Magenta (60%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 15677A 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 15677A by changing the saturation by 10% instead.

■ 15677A

■ 15677A

FFFFFF

■ 004F61

■ 549AAE

■ 003849

■ 70B5CA

■ 002233

■ 8CD1E6

■ 00021E

■ A8EDFF

■ 000000

■ C4FFFF

■ E1FFFF

■ 15677A

■ 15677A

■ 09657A

■ 21697A

■ 00637A

■ 2D6C7A

■ 3A6E7A

■ 46707A

■ 52727A

■ 5E757A

■ 6A777A

■ 77797A

■ 837C7A

Harmonies

Analogous

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



186969



15677A



346384

Triad

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



15677A



7F5068



606138

Complementary

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



15677A



7A2815

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.



735A39



15677A



855054

Square

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



15677A



6E5579



805443



4A6543

Rectangle

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



15677A



4A5F85



805443



675F37

Sweetspot

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



15677A



77979E



157A28



374B4F



CFCFCF



4F4F4F

Same Dimension

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



15677A



02819E



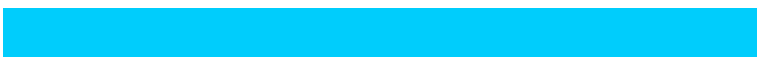
15357A



373C3D



00657D



00CDFC

Inverse Universe

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



7A1567



9E0281



7A5A15



3D373C



7D0065



FC00CD

Previews

White Background



This preview shows how the Hex color 15677A looks on a white background.

Color Contrast Check

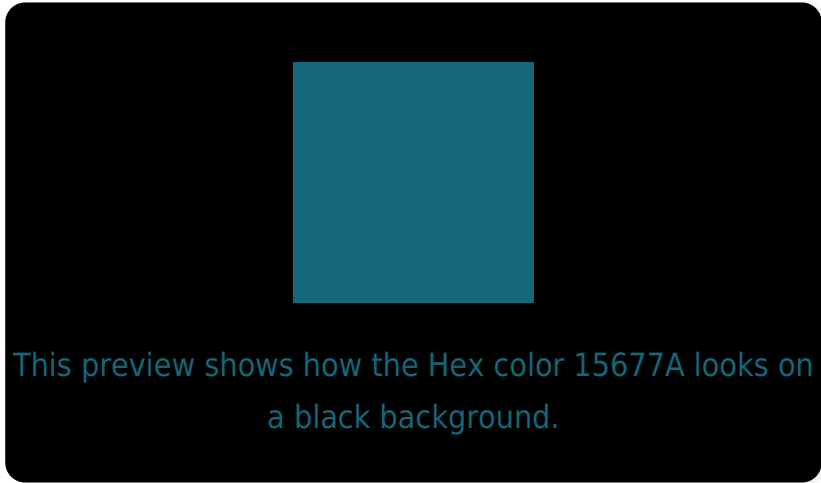
Large Text (above 18pt) WCAG AA ✓ Pass

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

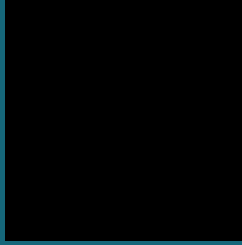
Any Text WCAG AA × Fail

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 15677A Background



This preview shows how black text looks on a background with the Hex color 15677A.



This preview shows how white text looks on a background with the Hex color 15677A.

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
006871

Trichromacy



Original Color
15677A

Protanomaly
406176

Deuteranomaly
3E617B

Tritanomaly
086874

Monochromacy



Original Color
15677A

Achromatopsia
515151

Achromatomaly
3B5960

CSS Examples

Text

The CSS property to change the color of the text to Hex 15677A 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 #15677A looks like.

```
.text, #text, p{  
    color:#15677A  
}
```

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 #15677A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15677A
}
```

Border

The CSS property to change the border of an element to Hex 15677A 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
#15677A }
```

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

```
.border{ border-color:#15677A }
```

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

Here you see how a box with a 4 pixel #15677A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15677A; -webkit-box-shadow:4px 4px  
4px 4px #15677A; box-shadow:4px 4px 4px  
4px #15677A }
```

Background

The CSS property to change the background color of an element to Hex 15677A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15677A }
```

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

```
.background{ background-color:#15677A }
```

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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