

Converting Colors

Hex(167566)

Have a look what the booklet for
Hex(167566) contains.

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Color

Hex(167566)

Conversions

Conversions Part 1

Format	Color
Hex	167566
RGB	22, 117, 102
RGB Percent	9%, 46%, 40%
CMY	0.9137, 0.5412, 0.6000
CMYK	0.81, 0.00, 0.13, 0.54
HSL	171°, 68%, 27%
HSV	171°, 81%, 46%
XYZ	9.0904, 13.8525, 14.7650
YIQ	86.8850, -51.8050, -24.8050

Conversions

Conversions Part 2

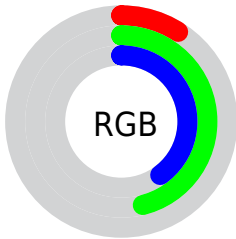
Format	Color
RYB	22, 74, 117
Decimal	1471846
CIELab	44.02, -30.05, 0.73
CIELCh	44, 30.061, 178.604
Yxy	13.8525, 0.2411, 0.3674
Android (android.graphics.Color)	4279661926 (0xFF167566)
YUV	86.8850, 7.4517, -56.9041
Hunter-Lab	37.2189, -21.5358, 2.5324

Details

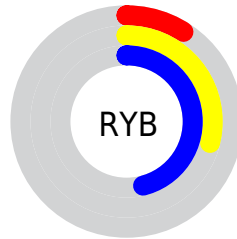
The Hex color **167566** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **751625**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **54AA99**, and **004437** is the 20% darker color. If you saturate the color by 10%, you get **0A7564**, and if you desaturate by 10%, it is **227568**.

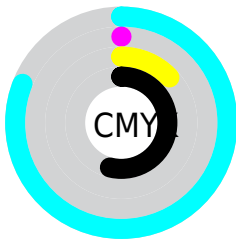
Distribution



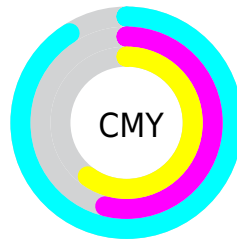
- Red (9%)
- Green (46%)
- Blue (40%)



- Red (9%)
- Yellow (29%)
- Blue (46%)



- Cyan (81%)
- Magenta (0%)
- Yellow (13%)
- Black (54%)



- Cyan (91%)
- Magenta (54%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 167566 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 167566 by changing the saturation by 10% instead.

 167566

 167566

FFFFFF

 005C4E

 54AA99

 004437

 70C5B4

 002D22

 8CE1CF

 00170C

 A8FEEB

 000000

 C4FFFF

 E1FFFF

 167566

 167566

 0A7564

 227568

■ 007563

■ 2D756A

■ 39756C

■ 45756D

■ 51756F

■ 5C7571

■ 687573

■ 747575

■ 7F7577

Harmonies

Analogous

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



41734D



167566



00757F

Triad

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



167566



696294



8C5D3E

Complementary

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



167566



751625

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.



975651



167566



865982

Square

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



167566



3E6B9A



96546A



796635

Rectangle

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



167566



00738D



96546A



915B44

Sweetspot

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



167566



749993



267516



364D49



CCCCCC



4D4D4D

Same Dimension

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



167566



059982



165575



353B3A



007A67



00FAD2

Inverse Universe

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



751625



99051C



753616



3B3536



7A0013



FA0027

Previews

White Background



This preview shows how the Hex color 167566 looks on a white background.

Color Contrast Check

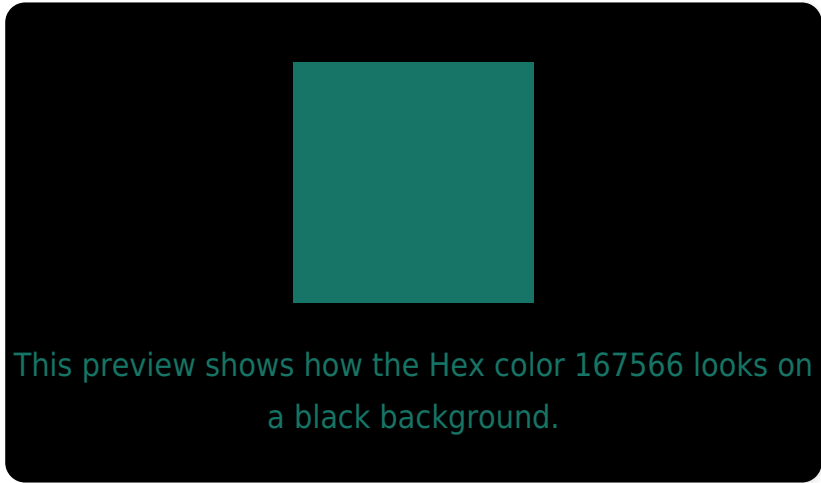
Large Text (above 18pt) WCAG AA ✓ Pass

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

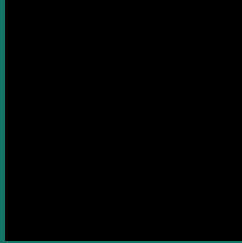
Any Text WCAG AA × Fail

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 167566 Background



This preview shows how black text looks on a background with the Hex color 167566.

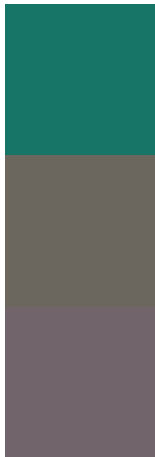


This preview shows how white text looks on a background with the Hex color 167566.

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



Original Color
167566

Protanopia
6C675E

Deuteranopia
71646A



Tritanopia
25727B

Trichromacy



Original Color
167566

Protanomaly
4D6C61

Deuteranomaly
506A69

Tritanomaly
207373

Monochromacy



Original Color
167566

Achromatopsia
575757

Achromatomaly
3F625C

CSS Examples

Text

The CSS property to change the color of the text to Hex 167566 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 #167566 looks like.

```
.text, #text, p{  
    color:#167566  
}
```

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 #167566 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #167566  
}
```

Border

The CSS property to change the border of an element to Hex 167566 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  
#167566 }
```

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

```
.border{ border-color:#167566 }
```

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

Here you see how a box with a 4 pixel #167566 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #167566; -webkit-box-shadow:4px 4px  
4px 4px #167566; box-shadow:4px 4px 4px  
4px #167566 }
```

Background

The CSS property to change the background color of an element to Hex 167566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#167566 }
```

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

```
.background{ background-color:#167566 }
```

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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