

Converting Colors

Hex(106565)

Have a look what the booklet for
Hex(106565) contains.

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Color

Hex(106565)

Conversions

Conversions Part 1

Format	Color
Hex	106565
RGB	16, 101, 101
RGB Percent	6%, 40%, 40%
CMY	0.9373, 0.6039, 0.6039
CMYK	0.84, 0.00, 0.00, 0.60
HSL	180°, 73%, 23%
HSV	180°, 84%, 40%
XYZ	7.2163, 10.3571, 13.9307
YIQ	75.5850, -50.6600, -18.0200

Conversions

Conversions Part 2

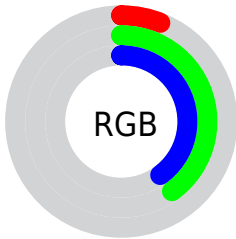
Format	Color
RYB	16, 59, 101
Decimal	1074533
CIELab	38.48, -23.09, -6.85
CIELCh	38, 24.085, 196.535
Yxy	10.3571, 0.2291, 0.3288
Android (android.graphics.Color)	4279264613 (0xFF106565)
YUV	75.5850, 12.5296, -52.2560
Hunter-Lab	32.1825, -16.2939, -3.1369

Details

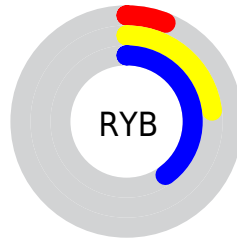
The Hex color **106565** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **651010**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **4E9898**, and **003636** is the 20% darker color. If you saturate the color by 10%, you get **066565**, and if you desaturate by 10%, it is **1A6565**.

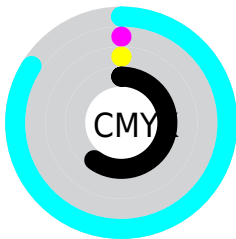
Distribution



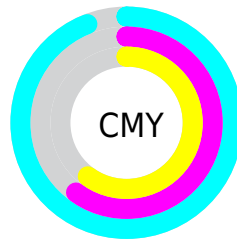
- Red (6%)
- Green (40%)
- Blue (40%)



- Red (6%)
- Yellow (23%)
- Blue (40%)



- Cyan (84%)
- Magenta (0%)
- Yellow (0%)
- Black (60%)



- Cyan (94%)
- Magenta (60%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 106565 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 106565 by changing the saturation by 10% instead.

■ 106565

■ 106565

FFFFFF

■ 004D4D

■ 4E9898

■ 003636

■ 6AB3B3

■ 002121

■ 85CFCE

■ 00000A

■ A1EBEA

■ 000000

■ BDFFFF

■ DAFFFF

■ F7FFFF

■ 106565

■ 106565

■ 066565

■ 1A6565

■ 006565

■ 246565

■ 2E6565

■ 386565

■ 436565

■ 4D6565

■ 576565

■ 616565

■ 6B6565

Harmonies

Analogous

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



2E6451



106565



0A6376

Triad

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



106565



6A5276



6F5635

Complementary

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



106565



651010

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.



7C503F



106565



7B4C64

Square

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



106565



505980



814C50



5D5D35

Rectangle

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



106565



22617E



814C50



745437

Sweetspot

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



106565



628282



106510



2E4242



C2C2C2



424242

Same Dimension

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



106565



008282



103B65



2E3333



007373



00F2F2

Inverse Universe

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



651065



820082



653B10



332E33



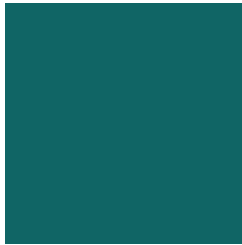
730073



F200F2

Previews

White Background



This preview shows how the Hex color 106565 looks on a white background.

Color Contrast Check

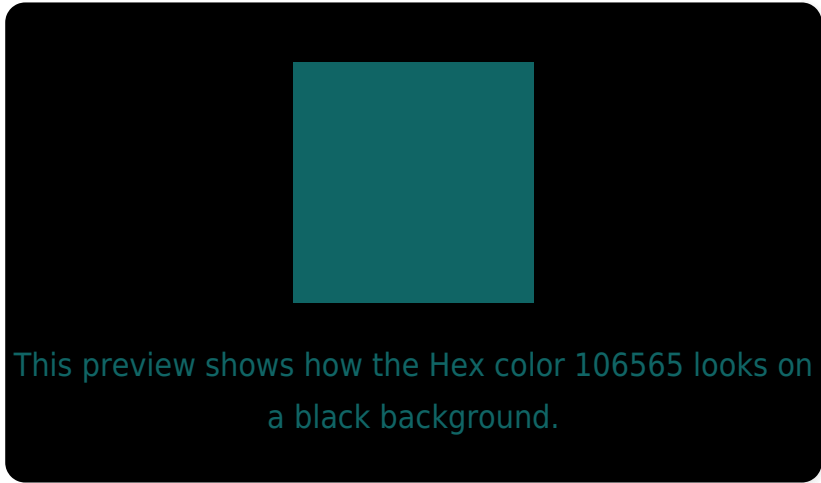
Large Text (above 18pt) WCAG AA ✓ Pass

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

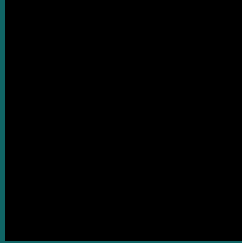
Any Text WCAG AA × Fail

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 106565 Background



This preview shows how black text looks on a background with the Hex color 106565.

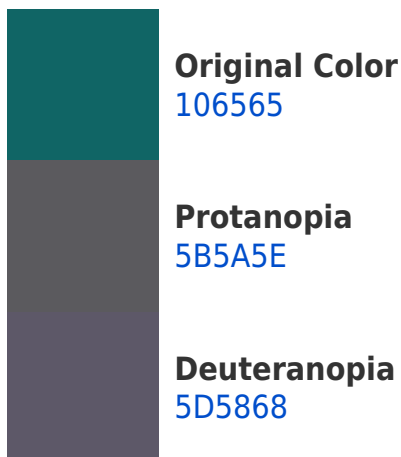



This preview shows how white text looks on a background with the Hex color 106565.

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](#).

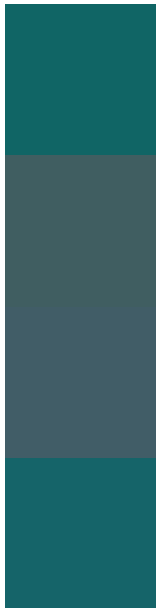
Dichromacy





Tritanopia
18646C

Trichromacy



Original Color
106565

Protanomaly
405E61

Deuteranomaly
415D67

Tritanomaly
156469

Monochromacy



Original Color
106565

Achromatopsia
4C4C4C

Achromatomaly
365555

CSS Examples

Text

The CSS property to change the color of the text to Hex 106565 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 #106565 looks like.

```
.text, #text, p{  
    color:#106565  
}
```

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 #106565 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #106565
}
```

Border

The CSS property to change the border of an element to Hex 106565 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
#106565 }
```

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

```
.border{ border-color:#106565 }
```

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

Here you see how a box with a 4 pixel #106565 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #106565; -webkit-box-shadow:4px 4px  
4px 4px #106565; box-shadow:4px 4px 4px  
4px #106565 }
```

Background

The CSS property to change the background color of an element to Hex 106565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#106565 }
```

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

```
.background{ background-color:#106565 }
```

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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