

Converting Colors

Hex(106F95)

Have a look what the booklet for
Hex(106F95) contains.

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Color

Hex(106F95)

Conversions

Conversions Part 1

Format	Color
Hex	106F95
RGB	16, 111, 149
RGB Percent	6%, 44%, 58%
CMY	0.9373, 0.5647, 0.4157
CMYK	0.89, 0.26, 0.00, 0.42
HSL	197°, 81%, 32%
HSV	197°, 89%, 58%
XYZ	11.3229, 13.6490, 30.4715
YIQ	86.9270, -68.8180, -8.3220

Conversions

Conversions Part 2

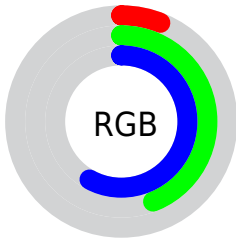
Format	Color
RYB	16, 71, 149
Decimal	1077141
CIELab	43.73, -11.41, -27.85
CIELCh	44, 30.094, 247.713
Yxy	13.6490, 0.2042, 0.2462
Android (android.graphics.Color)	4279267221 (0xFF106F95)
YUV	86.9270, 30.6020, -62.2030
Hunter-Lab	36.9445, -9.9453, -23.0407

Details

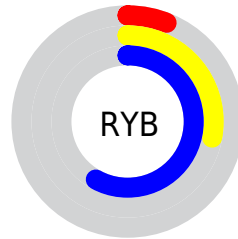
The Hex color **106F95** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **953610**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **58A3CB**, and **003F62** is the 20% darker color. If you saturate the color by 10%, you get **016B95**, and if you desaturate by 10%, it is **1F7395**.

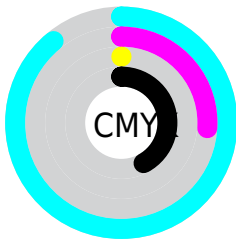
Distribution



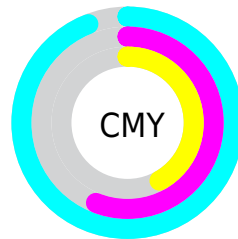
- Red (6%)
- Green (44%)
- Blue (58%)



- Red (6%)
- Yellow (28%)
- Blue (58%)



- Cyan (89%)
- Magenta (26%)
- Yellow (0%)
- Black (42%)



- Cyan (94%)
- Magenta (56%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 106F95 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 106F95 by changing the saturation by 10% instead.

■ 106F95

■ 106F95

FFFFFF

■ 00577B

■ 58A3CB

■ 003F62

■ 75BEE8

■ 00294A

■ 92D9FF

■ 001633

■ AFF6FF

■ 00021E

■ CCFFFF

■ 000000

■ EAFFFF

■ 106F95

■ 106F95

■ 016B95

■ 1F7395

006A95

2E7895

3D7C95

4C8095

5A8495

698995

788D95

879195

969595

Harmonies

Analogous

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



007385



106F95



4C6899

Triad

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



106F95



975362



566F3F

Complementary

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



106F95



953610

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.



716835



106F95



94574A

Square

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



106F95



8C567B



865F39



367354

Rectangle

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



106F95



676293



865F39



5F6D3A

Sweetspot

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



106F95



8DB3C2



109536



425861



E0E0E0



616161

Same Dimension

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



106F95



008AC2



102D95



43484A



00628A



00070A

Inverse Universe

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



95106F



C2008A



957810



4A4348



8A0062



0A0007

Previews

White Background



This preview shows how the Hex color 106F95 looks on a white background.

Color Contrast Check

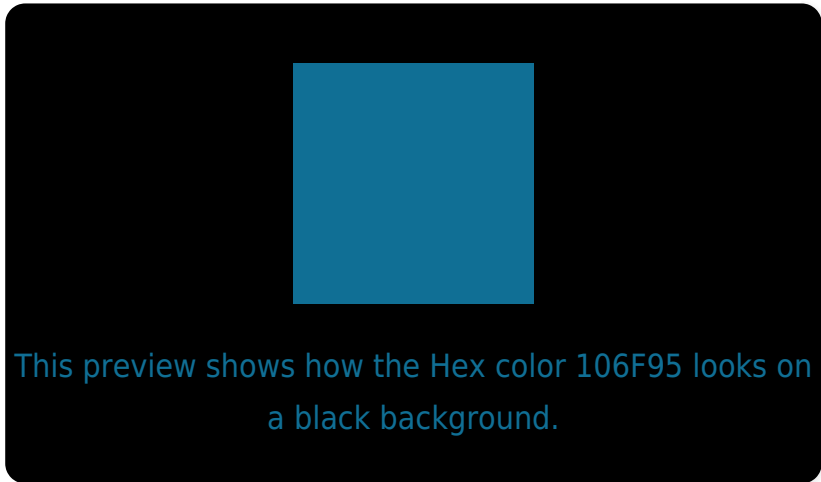
Large Text (above 18pt) WCAG AA ✓ Pass

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

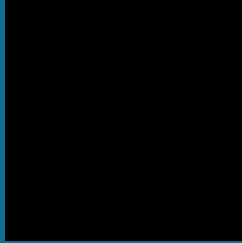
Any Text WCAG AA × Fail

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 106F95 Background



This preview shows how black text looks on a background with the Hex color 106F95.



This preview shows how white text looks on a background with the Hex color 106F95.

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](#).

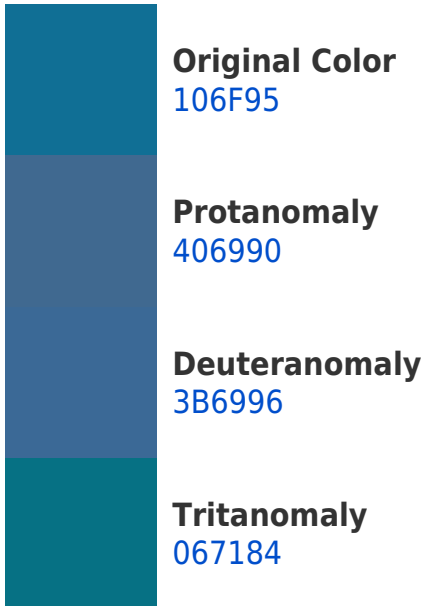
Dichromacy





Tritanopia
00727B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 106F95 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 #106F95 looks like.

```
.text, #text, p{  
    color:#106F95  
}
```

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 #106F95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #106F95
}
```

Border

The CSS property to change the border of an element to Hex 106F95 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
#106F95 }
```

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

```
.border{ border-color:#106F95 }
```

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

Here you see how a box with a 4 pixel #106F95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #106F95; -webkit-box-shadow:4px 4px  
4px 4px #106F95; box-shadow:4px 4px 4px  
4px #106F95 }
```

Background

The CSS property to change the background color of an element to Hex 106F95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#106F95 }
```

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

```
.background{ background-color:#106F95 }
```

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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