

Converting Colors

Hex(104B86)

Have a look what the booklet for
Hex(104B86) contains.

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Color

Hex(104B86)

Conversions

Conversions Part 1

Format	Color
Hex	104B86
RGB	16, 75, 134
RGB Percent	6%, 29%, 53%
CMY	0.9373, 0.7059, 0.4745
CMYK	0.88, 0.44, 0.00, 0.47
HSL	210°, 79%, 29%
HSV	210°, 88%, 53%
XYZ	7.0328, 6.8635, 23.5084
YIQ	64.0850, -54.1030, 5.8410

Conversions

Conversions Part 2

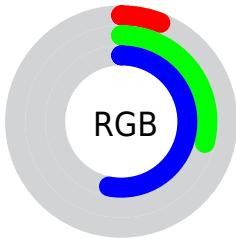
Format	Color
RYB	16, 55, 134
Decimal	1067910
CIELab	31.49, 5.19, -38.10
CIElCh	31, 38.448, 277.764
Yxy	6.8635, 0.1880, 0.1835
Android (android.graphics.Color)	4279257990 (0xFF104B86)
YUV	64.0850, 34.4681, -42.1705
Hunter-Lab	26.1984, 2.0704, -34.8634

Details

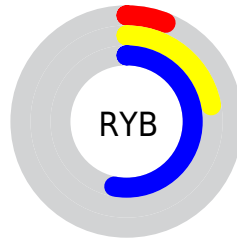
The Hex color **104B86** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **864B10**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **537BBC**, and **002054** is the 20% darker color. If you saturate the color by 10%, you get **034486**, and if you desaturate by 10%, it is **1D5286**.

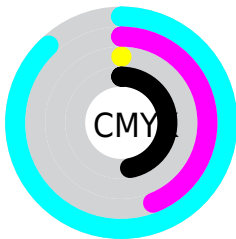
Distribution



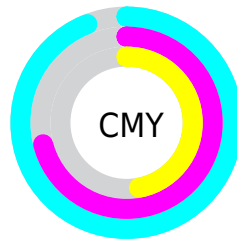
- Red (6%)
- Green (29%)
- Blue (53%)



- Red (6%)
- Yellow (22%)
- Blue (53%)



- Cyan (88%)
- Magenta (44%)
- Yellow (0%)
- Black (47%)



- Cyan (94%)
- Magenta (71%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 104B86 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 104B86 by changing the saturation by 10% instead.

■ 104B86

■ 104B86

FFFFFF

■ 00356C

■ 537BBC

■ 002054

■ 6F95D8

■ 00073C

■ 8BAFF4

■ 000226

■ A8CBFF

■ 00010E

■ C4E7FF

■ 000000

■ E2FFFF

■ 104B86

■ 104B86

■ 034486

■ 1D5286

■ 004386

■ 2B5886

■ 385F86

■ 466686

■ 536D86

■ 607386

■ 6E7A86

■ 7B8186

■ 898786

Harmonies

Analogous

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



005382



104B86



553F7A

Triad

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



104B86



7C3427



005732

Complementary

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



104B86



864B10

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.



325316



104B86



6B400F

Square

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



104B86



802D43



524B05



005851

Rectangle

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



104B86



6C366B



524B05



0F5628

Sweetspot

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



104B86



8097AD



10864B



3C4957



D6D6D6



575757

Same Dimension

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



104B86



0057AD



101086



3C3F42



004182



000103

Inverse Universe

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



86104B



AD0057



868610



423C3F



820041



030001

Previews

White Background



This preview shows how the Hex color 104B86 looks on a white background.

Color Contrast Check

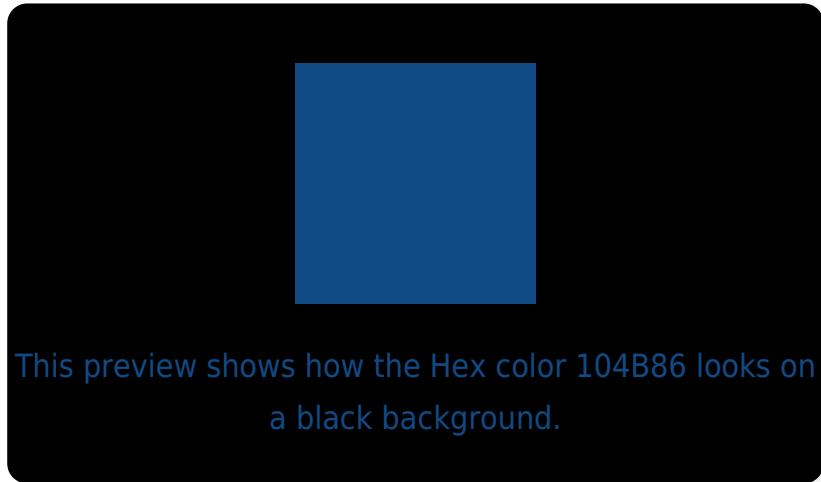
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

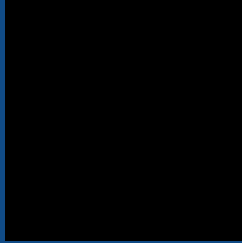
Any Text WCAG AA × Fail

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 104B86 Background



This preview shows how black text looks on a background with the Hex color 104B86.



This preview shows how white text looks on a background with the Hex color 104B86.

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



Trichromacy



Original Color
104B86

Protanomaly
244984

Deuteranomaly
064B86

Tritanomaly
064F69

Monochromacy



Original Color
104B86

Achromatopsia
404040

Achromatomaly
2F4459

CSS Examples

Text

The CSS property to change the color of the text to Hex 104B86 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 #104B86 looks like.

```
.text, #text, p{  
    color:#104B86  
}
```

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 #104B86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #104B86
}
```

Border

The CSS property to change the border of an element to Hex 104B86 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
#104B86 }
```

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

```
.border{ border-color:#104B86 }
```

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

Here you see how a box with a 4 pixel #104B86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #104B86; -webkit-box-shadow:4px 4px  
4px 4px #104B86; box-shadow:4px 4px 4px  
4px #104B86 }
```

Background

The CSS property to change the background color of an element to Hex 104B86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#104B86 }
```

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

```
.background{ background-color:#104B86 }
```

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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