

Converting Colors

Hex(101156)

Have a look what the booklet for
Hex(101156) contains.

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Color

Hex(101156)

Conversions

Conversions Part 1

Format	Color
Hex	101156
RGB	16, 17, 86
RGB Percent	6%, 7%, 34%
CMY	0.9373, 0.9333, 0.6627
CMYK	0.81, 0.80, 0.00, 0.66
HSL	239°, 69%, 20%
HSV	239°, 81%, 34%
XYZ	2.0938, 1.1829, 8.9221
YIQ	24.5670, -22.7450, 21.2470

Conversions

Conversions Part 2

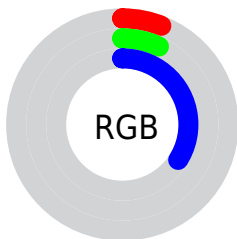
Format	Color
RYB	16, 17, 86
Decimal	1053014
CIELab	10.43, 26.24, -41.30
CIELCh	10, 48.929, 302.429
Yxy	1.1829, 0.1716, 0.0970
Android (android.graphics.Color)	4279243094 (0xFF101156)
YUV	24.5670, 30.2865, -7.5133
Hunter-Lab	10.8763, 15.3303, -41.0234

Details

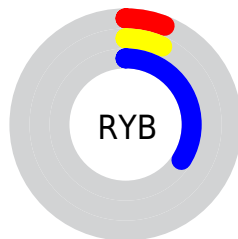
The Hex color **101156** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **565510**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **493C89**, and **000327** is the 20% darker color. If you saturate the color by 10%, you get **070956**, and if you desaturate by 10%, it is **191956**.

Distribution



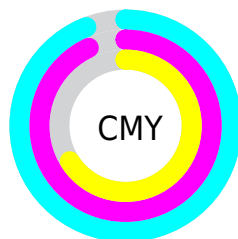
- Red (6%)
- Green (7%)
- Blue (34%)



- Red (6%)
- Yellow (7%)
- Blue (34%)



- Cyan (81%)
- Magenta (80%)
- Yellow (0%)
- Black (66%)



- Cyan (94%)
- Magenta (93%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 101156 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 101156 by changing the saturation by 10% instead.

 101156

 101156

 FFF2FF

 00003E

 493C89

 000327

 6353A3

 000111

 7E6CBF

 000000

 9985DB

 B49FF7

 D1BAFF

 EED6FF

 101156

 101156

■ 070956

■ 191956

■ 000156

■ 212256

■ 2A2A56

■ 323356

■ 3B3B56

■ 444456

■ 4C4C56

■ 555556

■ 5D5D56

Harmonies

Analogous

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



002161



101156



43003C

Triad

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



101156



3C0B00



002A1E

Complementary

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



101156



565510

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.



002900



101156



221C00

Square

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



101156



4D0000



002400



002A40

Rectangle

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



101156



4F0026



002400



002912

Sweetspot

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



101156



555670



105655



282838



B8B8B8



383838

Same Dimension

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



101156



020470



321056



27272B



00026B



0003EB

Inverse Universe

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



561011



700204



345610



2B2727



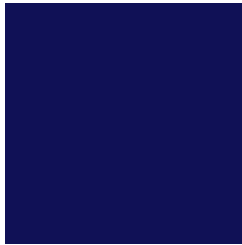
6B0002



EB0003

Previews

White Background



This preview shows how the Hex color 101156 looks on a white background.

Color Contrast Check

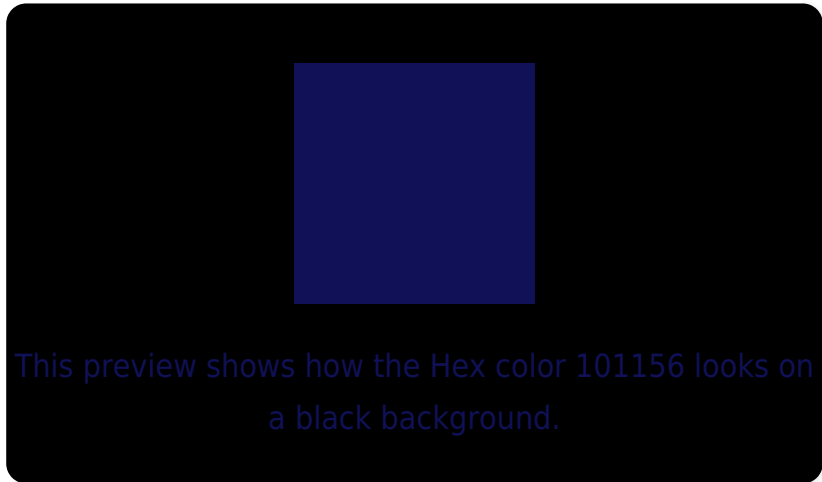
Large Text (above 18pt) WCAG AA ✓ Pass

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

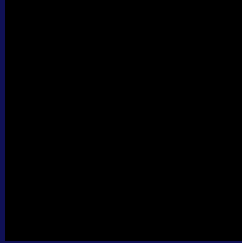
Any Text WCAG AA × Fail

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 101156 Background



This preview shows how black text looks on a background with the Hex color 101156.



This preview shows how white text looks on a background with the Hex color 101156.

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
101156

Protanopia
001D3D

Deuteranopia
001F33

Trichromacy



Original Color
101156

Protanomaly
061946

Deuteranomaly
061A40

Tritanomaly
061B36

Monochromacy



Original Color
101156

Achromatopsia
191919

Achromatomaly
16162F

CSS Examples

Text

The CSS property to change the color of the text to Hex 101156 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 #101156 looks like.

```
.text, #text, p{  
    color:#101156  
}
```

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 #101156 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #101156
}
```

Border

The CSS property to change the border of an element to Hex 101156 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
#101156 }
```

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

```
.border{ border-color:#101156 }
```

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

Here you see how a box with a 4 pixel #101156 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #101156; -webkit-box-shadow:4px 4px  
4px 4px #101156; box-shadow:4px 4px 4px  
4px #101156 }
```

Background

The CSS property to change the background color of an element to Hex 101156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#101156 }
```

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

```
.background{ background-color:#101156 }
```

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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