

Converting Colors

Hex(110068)

Have a look what the booklet for
Hex(110068) contains.

Hex(110068)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(110068)

Conversions

Conversions Part 1

Format	Color
Hex	110068
RGB	17, 0, 104
RGB Percent	7%, 0%, 41%
CMY	0.9333, 1.0000, 0.5922
CMYK	0.84, 1.00, 0.00, 0.59
HSL	250°, 100%, 20%
HSV	250°, 100%, 41%
XYZ	2.7299, 1.1186, 13.1687
YIQ	16.9390, -23.2520, 35.9480

Conversions

Conversions Part 2

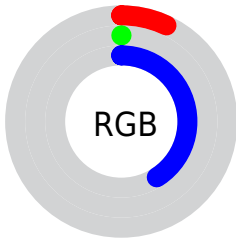
Format	Color
R_{YB}	17, 0, 104
Decimal	1114216
CIE _{Lab}	9.94, 41.30, -54.18
CIE _{LCh}	10, 68.122, 307.318
Yxy	1.1186, 0.1604, 0.0657
Android (android.graphics.Color)	4279304296 (0xFF110068)
YUV	16.9390, 42.9211, 0.0535
Hunter-Lab	10.5766, 27.5624, -66.4173

Details

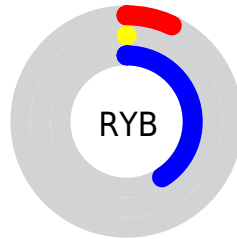
The Hex color **110068** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **576800**, and the grayscale version is **111111**.

A 20% lighter version of the original color is **502F9C**, and **000537** is the 20% darker color. If you saturate the color by 10%, you get **110068**, and if you desaturate by 10%, it is **1A0A68**.

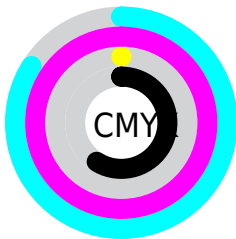
Distribution



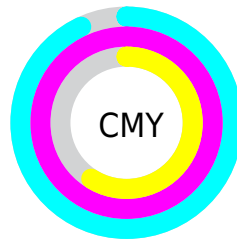
- Red (7%)
- Green (0%)
- Blue (41%)



- Red (7%)
- Yellow (0%)
- Blue (41%)



- Cyan (84%)
- Magenta (100%)
- Yellow (0%)
- Black (59%)



- Cyan (93%)
- Magenta (100%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Hex color 110068 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 110068 by changing the saturation by 10% instead.

 110068

 110068


 FFE7FF

 00004F

 502F9C

 000537

 6C47B8

 000221

 8860D4

 000006


 A47AF1

 000000

 C194FF

 DEAFFF

 FCCBFF

 110068

■ 1A0A68

■ 221568

■ 2B1F68

■ 342A68

■ 3C3468

■ 453E68

■ 4E4968

■ 575368

■ 5F5E68

Harmonies

Analogous

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



00227C



110068



550040

Triad

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



110068



3E0500



002926

Complementary

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



110068



576800

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.



002800



110068



191E00

Square

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



110068



570000



002700



002B54

Rectangle

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



110068



610022



002700



002816

Sweetspot

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



110068



655F87



005868



302C45



C4C4C4



454545

Same Dimension

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



110068



160087



440068



2F2E33



130073



2800F2

Inverse Universe

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



680057



870071



246800



332E32



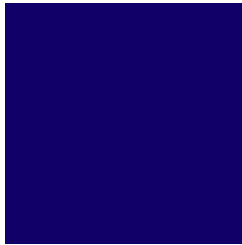
730060



F200CB

Previews

White Background



This preview shows how the Hex color 110068 looks on a white background.

Color Contrast Check

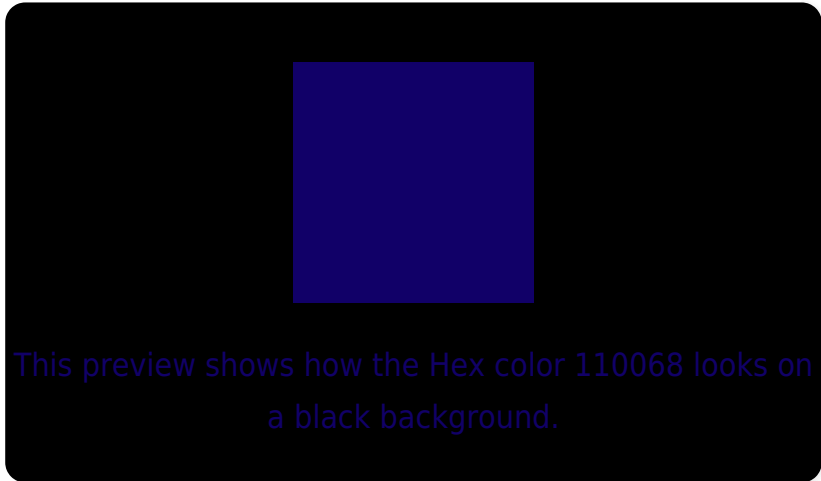
Large Text (above 18pt) WCAG AA ✓ Pass

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

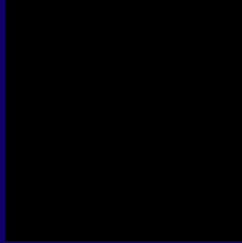
Any Text WCAG AA × Fail

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 110068 Background



This preview shows how black text looks on a background with the Hex color 110068.



This preview shows how white text looks on a background with the Hex color 110068.

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

110068

Protanopia

001F41

Deuteranopia

002137

Trichromacy



Original Color
110068

Protanomaly
06144F

Deuteranomaly
061549

Tritanomaly
06173E

Monochromacy



Original Color
110068

Achromatopsia
111111

Achromatomaly
110B31

CSS Examples

Text

The CSS property to change the color of the text to Hex 110068 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 #110068 looks like.

```
.text, #text, p{  
    color:#110068  
}
```

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 #110068 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #110068
}
```

Border

The CSS property to change the border of an element to Hex 110068 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
#110068 }
```

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

```
.border{ border-color:#110068 }
```

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

Here you see how a box with a 4 pixel #110068 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #110068; -webkit-box-shadow:4px 4px  
4px 4px #110068; box-shadow:4px 4px 4px  
4px #110068 }
```

Background

The CSS property to change the background color of an element to Hex 110068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#110068 }
```

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

```
.background{ background-color:#110068 }
```

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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