

Converting Colors

Hex(120088)

Have a look what the booklet for
Hex(120088) contains.

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Color

Hex(120088)

Conversions

Conversions Part 1

Format	Color
Hex	120088
RGB	18, 0, 136
RGB Percent	7%, 0%, 53%
CMY	0.9294, 1.0000, 0.4667
CMYK	0.87, 1.00, 0.00, 0.47
HSL	248°, 100%, 27%
HSV	248°, 100%, 53%
XYZ	4.6934, 1.9062, 23.4131
YIQ	20.8860, -32.9280, 46.1120

Conversions

Conversions Part 2

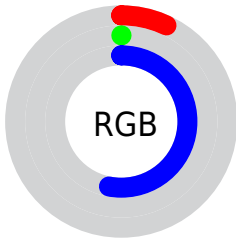
Format	Color
R_{YB}	18, 0, 136
Decimal	1179784
CIE _{Lab}	14.99, 49.87, -66.39
CIE _{LCh}	15, 83.039, 306.912
Yxy	1.9062, 0.1564, 0.0635
Android (android.graphics.Color)	4279369864 (0xFF120088)
YUV	20.8860, 56.7512, -2.5310
Hunter-Lab	13.8064, 36.5185, -90.8803

Details

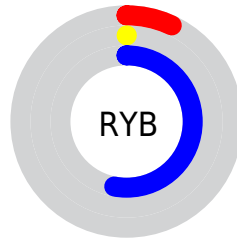
The Hex color **120088** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **768800**, and the grayscale version is **141414**.

A 20% lighter version of the original color is **5A35BF**, and **000055** is the 20% darker color. If you saturate the color by 10%, you get **120088**, and if you desaturate by 10%, it is **1E0E88**.

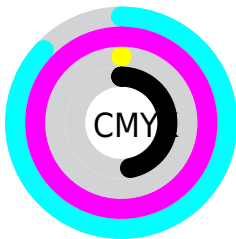
Distribution



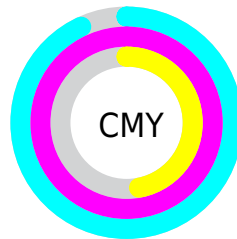
- Red (7%)
- Green (0%)
- Blue (53%)



- Red (7%)
- Yellow (0%)
- Blue (53%)



- Cyan (87%)
- Magenta (100%)
- Yellow (0%)
- Black (47%)



- Cyan (93%)
- Magenta (100%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 120088 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 120088 by changing the saturation by 10% instead.

 120088

 120088

 FFF0FF

 00006E

 5A35BF

 000055

 784EDB

 00063C

 9567F8

 000225

 B381FF

 00010E

 D09CFF

 000000

 EEB7FF

 FFD3FF

 120088

■ 1E0E88

■ 2A1B88

■ 352988

■ 413688

■ 4D4488

■ 595288

■ 655F88

■ 706D88

■ 7C7A88

Harmonies

Analogous

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



002FA1



120088



6E0055

Triad

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



120088



520700



003633

Complementary

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



120088



768800

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.



003500



120088



232900

Square

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



120088



720000



003200



003A6E

Rectangle

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



120088



7E002F



003200



00361E

Sweetspot

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



120088



827BB0



007888



3D3959



D9D9D9



595959

Same Dimension

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



120088



1700B0



540088



3F3E45



120085



010005

Inverse Universe

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



880076



B00099



348800



453E44



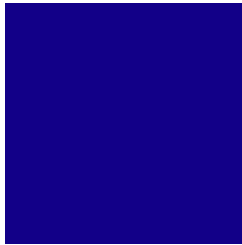
850073



050004

Previews

White Background



This preview shows how the Hex color 120088 looks on a white background.

Color Contrast Check

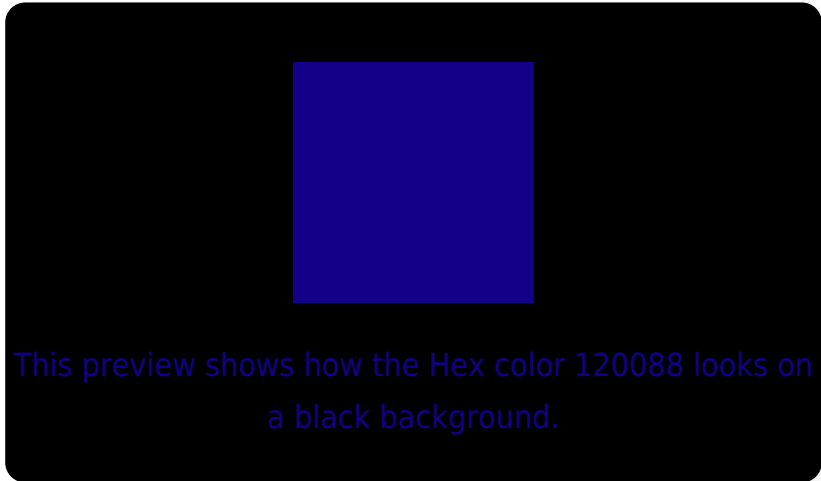
Large Text (above 18pt) WCAG AA ✓ Pass

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

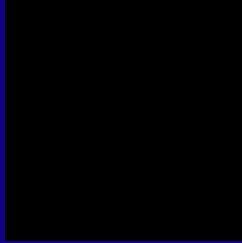
Any Text WCAG AA × Fail

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 120088 Background



This preview shows how black text looks on a background with the Hex color 120088.



This preview shows how white text looks on a background with the Hex color 120088.

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

120088

Protanopia

002855

Deuteranopia

002B48

Trichromacy



Original Color
120088

Protanomaly
071968

Deuteranomaly
071B5F

Tritanomaly
071D51

Monochromacy



Original Color
120088

Achromatopsia
151515

Achromatomaly
140D3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 120088 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 #120088 looks like.

```
.text, #text, p{  
    color:#120088  
}
```

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 #120088 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #120088  
}
```

Border

The CSS property to change the border of an element to Hex 120088 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  
#120088 }
```

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

```
.border{ border-color:#120088 }
```

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

Here you see how a box with a 4 pixel #120088 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #120088; -webkit-box-shadow:4px 4px  
4px 4px #120088; box-shadow:4px 4px 4px  
4px #120088 }
```

Background

The CSS property to change the background color of an element to Hex 120088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#120088 }
```

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

```
.background{ background-color:#120088 }
```

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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