

Converting Colors

Hex(12027B)

Have a look what the booklet for
Hex(12027B) contains.

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Color

Hex(12027B)

Conversions

Conversions Part 1

Format	Color
Hex	12027B
RGB	18, 2, 123
RGB Percent	7%, 1%, 48%
CMY	0.9294, 0.9922, 0.5176
CMYK	0.85, 0.98, 0.00, 0.52
HSL	248°, 97%, 25%
HSV	248°, 98%, 48%
XYZ	3.8463, 1.6021, 18.8454
YIQ	20.5780, -29.3050, 41.0230

Conversions

Conversions Part 2

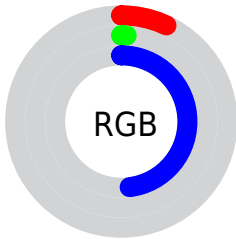
Format	Color
R_{YB}	18, 2, 123
Decimal	1180283
CIE _{Lab}	13.24, 45.61, -61.04
CIE _{LCh}	13, 76.200, 306.771
Yxy	1.6021, 0.1583, 0.0659
Android (android.graphics.Color)	4279370363 (0xFF12027B)
YUV	20.5780, 50.4940, -2.2609
Hunter-Lab	12.6573, 32.0924, -79.4164

Details

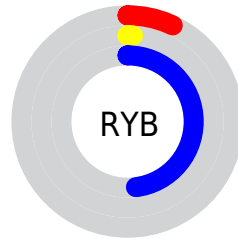
The Hex color **12027B** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **6B7B02**, and the grayscale version is **141414**.

A 20% lighter version of the original color is **5634B1**, and **000049** is the 20% darker color. If you saturate the color by 10%, you get **10007B**, and if you desaturate by 10%, it is **1D0E7B**.

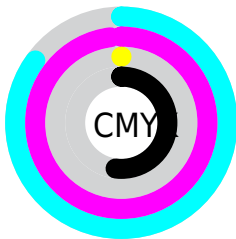
Distribution



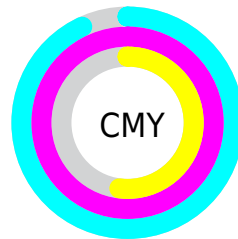
- Red (7%)
- Green (1%)
- Blue (48%)



- Red (7%)
- Yellow (1%)
- Blue (48%)



- Cyan (85%)
- Magenta (98%)
- Yellow (0%)
- Black (52%)



- Cyan (93%)
- Magenta (99%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Hex color 12027B 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 12027B by changing the saturation by 10% instead.

 12027B

 12027B


 FFEEFF

 000061

 5634B1

 000049

 734DCD

 000431

 9066E9

 00011B

 AD7FFF

 000000

 CA9AFF

 E7B5FF

 FFD1FF

 12027B

 12027B

■ 10007B

■ 1D0E7B

■ 271B7B

■ 32277B

■ 3D337B

■ 47407B

■ 524C7B

■ 5D587B

■ 67647B

■ 72717B

Harmonies

Analogous

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



002A92



12027B



63004D

Triad

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



12027B



4A0700



00312E

Complementary

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



12027B



6B7B02

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.



003000



12027B



212500

Square

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



12027B



670000



002E00



003563

Rectangle

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



12027B



72002B



002E00



00311B

Sweetspot

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



12027B



7770A1



026D7B



383452



D1D1D1



525252

Same Dimension

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



12027B



1500A1



4D027B



38373D



11007D



2100FC

Inverse Universe

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



7B026B



A1008B



307B02



3D373C



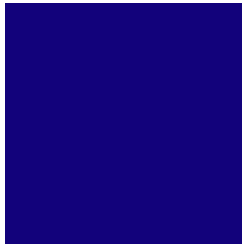
7D006C



FC00DB

Previews

White Background



This preview shows how the Hex color 12027B looks on a white background.

Color Contrast Check

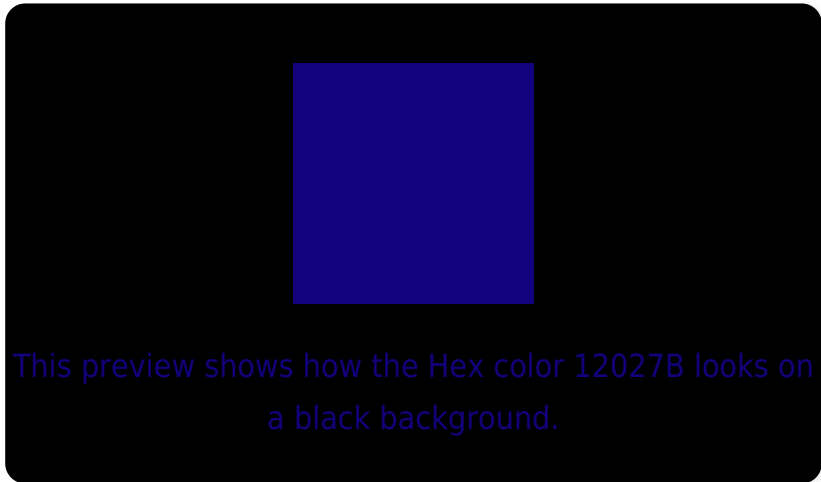
Large Text (above 18pt) WCAG AA ✓ Pass

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

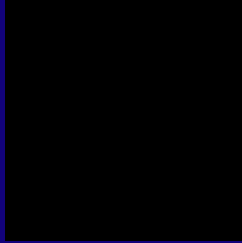
Any Text WCAG AA × Fail

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 12027B Background



This preview shows how black text looks on a background with the Hex color 12027B.



This preview shows how white text looks on a background with the Hex color 12027B.

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
12027B

Protanopia
00254D

Deuteranopia
002741

Trichromacy



Original Color
12027B

Protanomaly
07185E

Deuteranomaly
071A56

Tritanomaly
071B49

Monochromacy



Original Color
12027B

Achromatopsia
151515

Achromatomaly
140E3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 12027B 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 #12027B looks like.

```
.text, #text, p{  
    color:#12027B  
}
```

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 #12027B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12027B
}
```

Border

The CSS property to change the border of an element to Hex 12027B 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
#12027B }
```

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

```
.border{ border-color:#12027B }
```

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

Here you see how a box with a 4 pixel #12027B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12027B; -webkit-box-shadow:4px 4px  
4px 4px #12027B; box-shadow:4px 4px 4px  
4px #12027B }
```

Background

The CSS property to change the background color of an element to Hex 12027B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12027B }
```

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

```
.background{ background-color:#12027B }
```

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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