

Converting Colors

Hex(0F27AA)

Have a look what the booklet for
Hex(0F27AA) contains.

Hex(0F27AA)	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(0F27AA)

Conversions

Conversions Part 1

Format	Color
Hex	0F27AA
RGB	15, 39, 170
RGB Percent	6%, 15%, 67%
CMY	0.9412, 0.8471, 0.3333
CMYK	0.91, 0.77, 0.00, 0.33
HSL	231°, 84%, 36%
HSV	231°, 91%, 67%
XYZ	8.1782, 4.4549, 38.4590
YIQ	46.7580, -56.3550, 35.6530

Conversions

Conversions Part 2

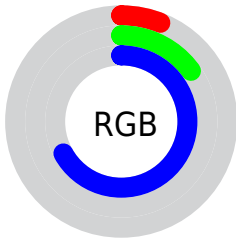
Format	Color
RYB	15, 36, 170
Decimal	993194
CIELab	25.12, 43.49, -70.48
CIElCh	25, 82.815, 301.678
Yxy	4.4549, 0.1601, 0.0872
Android (android.graphics.Color)	4279183274 (0xFF0F27AA)
YUV	46.7580, 60.7583, -27.8518
Hunter-Lab	21.1066, 32.2273, -93.2598

Details

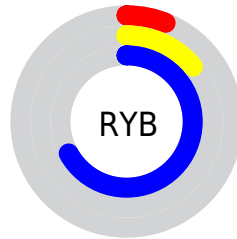
The Hex color **0F27AA** is a dark color, and the websafe version is hex **0033CC**. A complement of this color would be **AA920F**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **6156E3**, and **000074** is the 20% darker color. If you saturate the color by 10%, you get **001AAA**, and if you desaturate by 10%, it is **2035AA**.

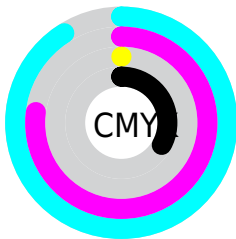
Distribution



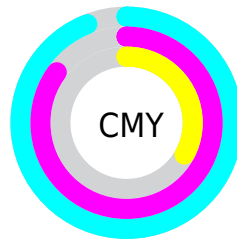
- Red (6%)
- Green (15%)
- Blue (67%)



- Red (6%)
- Yellow (14%)
- Blue (67%)



- Cyan (91%)
- Magenta (77%)
- Yellow (0%)
- Black (33%)



- Cyan (94%)
- Magenta (85%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F27AA 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 0F27AA by changing the saturation by 10% instead.

0F27AA

0F27AA

FFFFFF

00118F

6156E3

000074

7F6EFF

00005B

9E88FF

000742

BCA3FF

00032B

DABEFF

000115

F8DAFF

000000

FFF6FF

0F27AA

0F27AA

■ 001AAA

■ 2035AA

■ 3144AA

■ 4252AA

■ 5360AA

■ 646FAA

■ 757DAA

■ 868CAA

■ 979AAA

■ A8A8AA

Harmonies

Analogous

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



0046BE



0F27AA



830079

Triad

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



0F27AA



761700



00503E

Complementary

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



0F27AA



AA920F

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.



004E00



0F27AA



473B00

Square

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



0F27AA



960000



004900



00517D

Rectangle

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



0F27AA



9A0050



004900



004F27

Sweetspot

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



0F27AA



A2ABDE



0FAA90



4C5270



F0F0F0



707070

Same Dimension

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



0F27AA



0022DE



430FAA



4C4D54



001794



000314

Inverse Universe

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



AA0F27



DE0022



76AA0F



544C4D



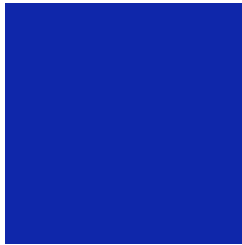
940017



140003

Previews

White Background



This preview shows how the Hex color 0F27AA looks on a white background.

Color Contrast Check

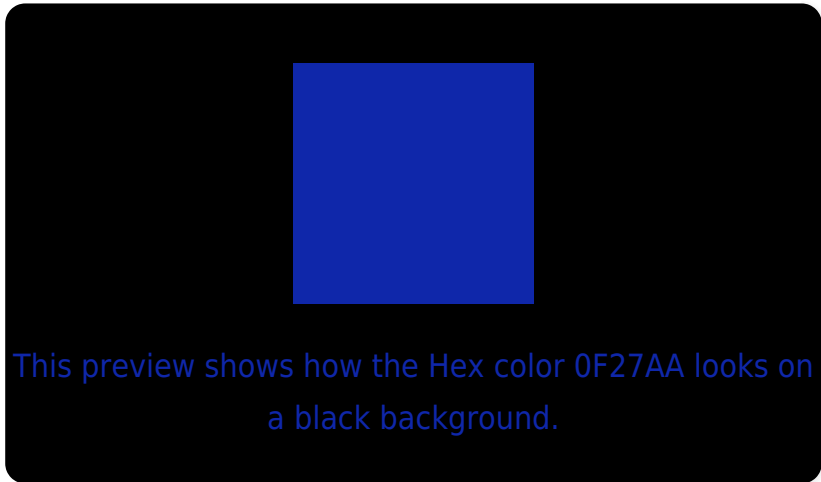
Large Text (above 18pt) WCAG AA ✓ Pass

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

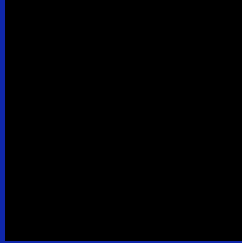
Any Text WCAG AA × Fail

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 0F27AA Background



This preview shows how black text looks on a background with the Hex color 0F27AA.



This preview shows how white text looks on a background with the Hex color 0F27AA.

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
0F27AA

Protanopia
003A7A

Deuteranopia
003E67

Trichromacy



Original Color

0F27AA

Protanomaly

05338B

Deuteranomaly

05367F

Tritanomaly

05396A

Monochromacy



Original Color

0F27AA

Achromatopsia

2F2F2F

Achromatomaly

232C5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 0F27AA 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 #0F27AA looks like.

```
.text, #text, p{  
    color:#0F27AA  
}
```

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 #0F27AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F27AA
}
```

Border

The CSS property to change the border of an element to Hex 0F27AA 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".

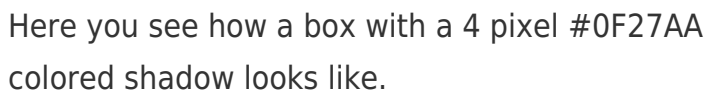
```
.border, #border, table{ border:4px solid
#0F27AA }
```

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

```
.border{ border-color:#0F27AA }
```

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

Here you see how a box with a 4 pixel #0F27AA colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F27AA; -webkit-box-shadow:4px 4px  
4px 4px #0F27AA; box-shadow:4px 4px 4px  
4px #0F27AA }
```

Background

The CSS property to change the background color of an element to Hex 0F27AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F27AA }
```

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

```
.background{ background-color:#0F27AA }
```

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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