

Converting Colors

Hex(0A0062)

Have a look what the booklet for
Hex(0A0062) contains.

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Color

Hex(0A0062)

Conversions

Conversions Part 1

Format	Color
Hex	0A0062
RGB	10, 0, 98
RGB Percent	4%, 0%, 38%
CMY	0.9608, 1.0000, 0.6157
CMYK	0.90, 1.00, 0.00, 0.62
HSL	246°, 100%, 19%
HSV	246°, 100%, 38%
XYZ	2.3298, 0.9464, 11.6151
YIQ	14.1620, -25.4980, 32.5980

Conversions

Conversions Part 2

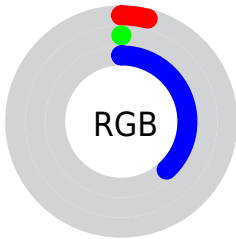
Format	Color
R_{YB}	10, 0, 98
Decimal	655458
CIE Lab	8.54, 39.48, -52.55
CIE LCh	9, 65.729, 306.919
Yxy	0.9464, 0.1565, 0.0636
Android (android.graphics.Color)	4278845538 (0xFF0A0062)
YUV	14.1620, 41.3321, -3.6501
Hunter-Lab	9.7282, 25.7243, -63.9808

Details

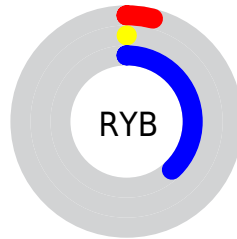
The Hex color **0A0062** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **586200**, and the grayscale version is **0E0E0E**.

A 20% lighter version of the original color is **4C2E96**, and **000432** is the 20% darker color. If you saturate the color by 10%, you get **0A0062**, and if you desaturate by 10%, it is **130A62**.

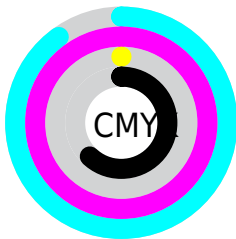
Distribution



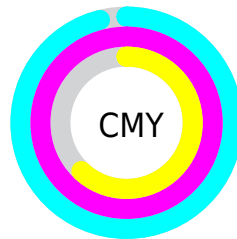
- Red (4%)
- Green (0%)
- Blue (38%)



- Red (4%)
- Yellow (0%)
- Blue (38%)



- Cyan (90%)
- Magenta (100%)
- Yellow (0%)
- Black (62%)



- Cyan (96%)
- Magenta (100%)
- Yellow (62%)
- Black (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A0062 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 0A0062 by changing the saturation by 10% instead.

 0A0062

 0A0062

 FFE4FF

 00004A

 4C2E96

 000432

 6745B1

 00011C

 835ECD

 000000

 9F77EA

 BB91FF

 D8ACFF

 F6C8FF

 0A0062

■ 130A62

■ 1C1462

■ 241D62

■ 2D2762

■ 363162

■ 3F3B62

■ 484562

■ 504E62

■ 595862

Harmonies

Analogous

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



001F75



0A0062



4F003C

Triad

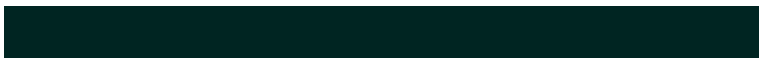
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



0A0062



390300



002522

Complementary

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



0A0062



586200

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.



002400



0A0062



171B00

Square

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



0A0062



510000



002400



00284E

Rectangle

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



0A0062



5A001F



002400



002513

Sweetspot

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



0A0062



5D5980



005862



2B2940



BFBFBF



404040

Same Dimension

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



0A0062



0D0080



3B0062



2C2C30



0B0070



1800F0

Inverse Universe

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



620058



800072



276200



302C30



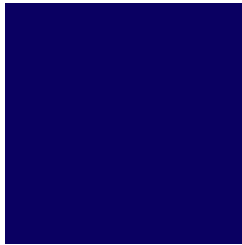
700065



F000D7

Previews

White Background



This preview shows how the Hex color 0A0062 looks on a white background.

Color Contrast Check

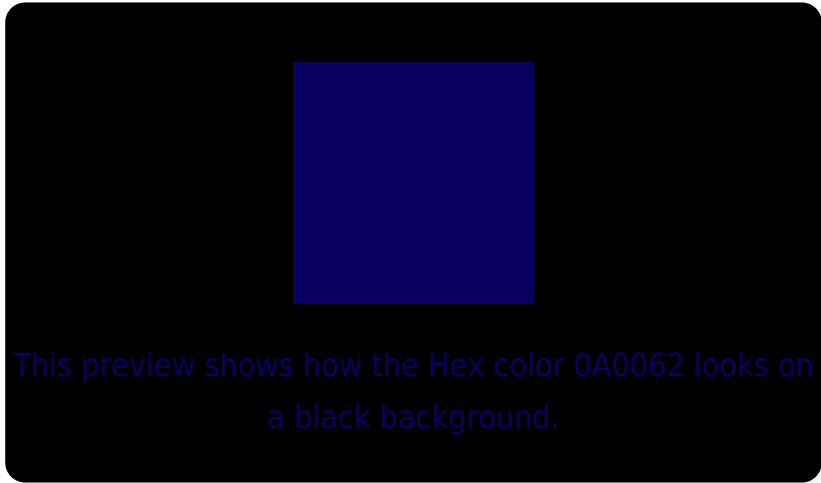
Large Text (above 18pt) WCAG AA ✓ Pass

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

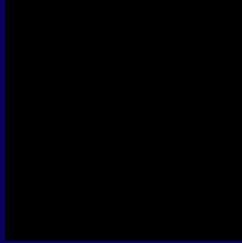
Any Text WCAG AA × Fail

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 0A0062 Background



This preview shows how black text looks on a background with the Hex color 0A0062.



This preview shows how white text looks on a background with the Hex color 0A0062.

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
0A0062

Protanopia
001D3D

Deuteranopia
001F33

Trichromacy



Original Color
0A0062

Protanomaly
04124A

Deuteranomaly
041444

Tritanomaly
04153A

Monochromacy



Original Color
0A0062

Achromatopsia
0E0E0E

Achromatomaly
0D092D

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A0062 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 #0A0062 looks like.

```
.text, #text, p{  
    color:#0A0062  
}
```

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 #0A0062 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A0062
}
```

Border

The CSS property to change the border of an element to Hex 0A0062 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
#0A0062 }
```

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

```
.border{ border-color:#0A0062 }
```

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

Here you see how a box with a 4 pixel #0A0062 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A0062; -webkit-box-shadow:4px 4px  
4px 4px #0A0062; box-shadow:4px 4px 4px  
4px #0A0062 }
```

Background

The CSS property to change the background color of an element to Hex 0A0062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A0062 }
```

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

```
.background{ background-color:#0A0062 }
```

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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