

Converting Colors

Hex(1A0066)

Have a look what the booklet for
Hex(1A0066) contains.

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Color

Hex(1A0066)

Conversions

Conversions Part 1

Format	Color
Hex	1A0066
RGB	26, 0, 102
RGB Percent	10%, 0%, 40%
CMY	0.8980, 1.0000, 0.6000
CMYK	0.75, 1.00, 0.00, 0.60
HSL	255°, 100%, 20%
HSV	255°, 100%, 40%
XYZ	2.8243, 1.1789, 12.6491
YIQ	19.4020, -17.2460, 37.2340

Conversions

Conversions Part 2

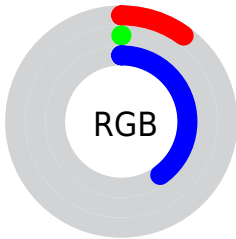
Format	Color
RYB	26, 0, 102
Decimal	1704038
CIELab	10.40, 41.07, -52.07
CIElCh	10, 66.317, 308.265
Yxy	1.1789, 0.1696, 0.0708
Android (android.graphics.Color)	4279894118 (0xFF1A0066)
YUV	19.4020, 40.7208, 5.7864
Hunter-Lab	10.8578, 27.4293, -61.4708

Details

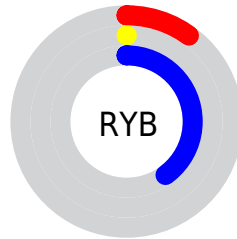
The Hex color **1A0066** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **4C6600**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **55309A**, and **000535** is the 20% darker color. If you saturate the color by 10%, you get **1A0066**, and if you desaturate by 10%, it is **220A66**.

Distribution



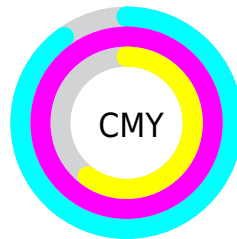
- Red (10%)
- Green (0%)
- Blue (40%)



- Red (10%)
- Yellow (0%)
- Blue (40%)



- Cyan (75%)
- Magenta (100%)
- Yellow (0%)
- Black (60%)



- Cyan (90%)
- Magenta (100%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A0066 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 1A0066 by changing the saturation by 10% instead.

 1A0066

 1A0066


 FFE8FF

 00004D

 55309A

 000535

 7048B6

 00021F

 8C61D2

 000003

 A87BEE

 000000

 C595FF

 E2B0FF

 FFCCFF

 1A0066

■ 220A66

■ 291466

■ 311F66

■ 382966

■ 403366

■ 483D66

■ 4F4766

■ 575266

■ 5E5C66

Harmonies

Analogous

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



00227A



1A0066



55003F

Triad

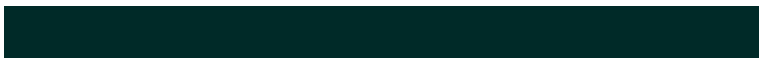
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



1A0066



3D0900



002A28

Complementary

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



1A0066



4C6600

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.



002900



1A0066



191F00

Square

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



1A0066



570000



002800



002D55

Rectangle

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



1A0066



610021



002800



002919

Sweetspot

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



1A0066



675D85



004D66



312A42



C2C2C2



424242

Same Dimension

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



1A0066



220085



4D0066



2F2E33



1D0073



3E00F2

Inverse Universe

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



66004C



850063



1A6600



332E32



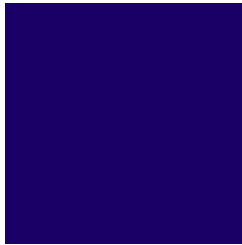
730056



F200B5

Previews

White Background



This preview shows how the Hex color 1A0066 looks on a white background.

Color Contrast Check

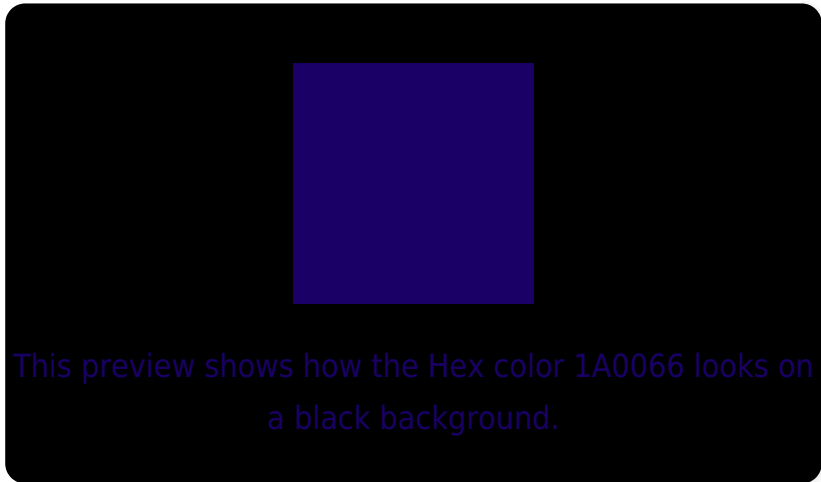
Large Text (above 18pt) WCAG AA ✓ Pass

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

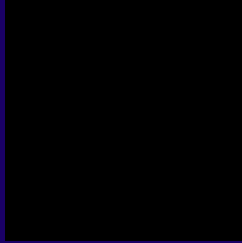
Any Text WCAG AA × Fail

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 1A0066 Background



This preview shows how black text looks on a background with the Hex color 1A0066.



This preview shows how white text looks on a background with the Hex color 1A0066.

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
1A0066

Protanopia
002043

Deuteranopia
002239

Trichromacy



Original Color
1A0066

Protanomaly
091450

Deuteranomaly
091649

Tritanomaly
09183E

Monochromacy



Original Color
1A0066

Achromatopsia
131313

Achromatomaly
160C31

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A0066 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 #1A0066 looks like.

```
.text, #text, p{  
    color:#1A0066  
}
```

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 #1A0066 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A0066
}
```

Border

The CSS property to change the border of an element to Hex 1A0066 is called "border". The border property can be set on classes, ids or directly on the HTML element.

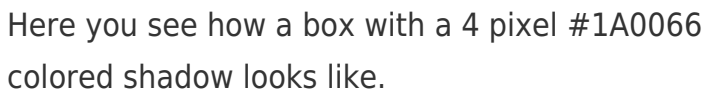
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1A0066 }
```

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

```
.border{ border-color:#1A0066 }
```

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



Here you see how a box with a 4 pixel #1A0066 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A0066; -webkit-box-shadow:4px 4px  
4px 4px #1A0066; box-shadow:4px 4px 4px  
4px #1A0066 }
```

Background

The CSS property to change the background color of an element to Hex 1A0066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A0066 }
```

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

```
.background{ background-color:#1A0066 }
```

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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