

Converting Colors

Hex(2D0062)

Have a look what the booklet for
Hex(2D0062) contains.

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Color

Hex(2D0062)

Conversions

Conversions Part 1

Format	Color
Hex	2D0062
RGB	45, 0, 98
RGB Percent	18%, 0%, 38%
CMY	0.8235, 1.0000, 0.6157
CMYK	0.54, 1.00, 0.00, 0.62
HSL	268°, 100%, 19%
HSV	268°, 100%, 38%
XYZ	3.2868, 1.4397, 11.6599
YIQ	24.6270, -4.6380, 40.0180

Conversions

Conversions Part 2

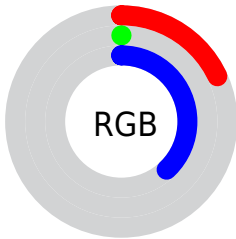
Format	Color
R _Y B	45, 0, 98
Decimal	2949218
CIE Lab	12.22, 41.26, -46.32
CIE LCh	12, 62.033, 311.694
Yxy	1.4397, 0.2006, 0.0879
Android (android.graphics.Color)	4281139298 (0xFF2D0062)
YUV	24.6270, 36.1729, 17.8671
Hunter-Lab	11.9989, 27.8976, -49.2160

Details

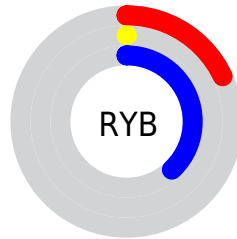
The Hex color **2D0062** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **356200**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **623396**, and **000032** is the 20% darker color. If you saturate the color by 10%, you get **2D0062**, and if you desaturate by 10%, it is **320A62**.

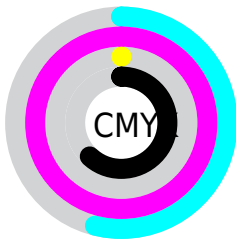
Distribution



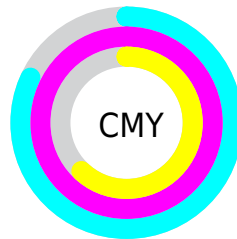
- Red (18%)
- Green (0%)
- Blue (38%)



- Red (18%)
- Yellow (0%)
- Blue (38%)



- Cyan (54%)
- Magenta (100%)
- Yellow (0%)
- Black (62%)



- Cyan (82%)
- Magenta (100%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D0062 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 2D0062 by changing the saturation by 10% instead.

 2D0062

 2D0062

 FFECFF

 13004A

 623396

 000032

 7D4BB1

 00021C

 9964CD

 000000

 B57EE9

 D199FF

 EEB4FF

 FFD0FF

 2D0062

■ 320A62

■ 381462

■ 3D1D62

■ 422762

■ 483162

■ 4D3B62

■ 524562

■ 574E62

■ 5D5862

Harmonies

Analogous

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



002378



2D0062



5A003C

Triad

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



2D0062



3D1300



002F30

Complementary

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



2D0062



356200

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.



002E00



2D0062



192400

Square

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



2D0062



570000



002B00



00305A

Rectangle

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



2D0062



630020



002B00



002E21

Sweetspot

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



2D0062



6B5980



003662



332940



BFBFBF



404040

Same Dimension

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



2D0062



3B0080



5D0062



2E2C30



340070



6E00F0

Inverse Universe

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



620035



800045



056200



302C2E



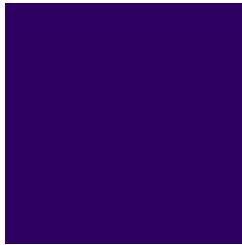
70003D



F00082

Previews

White Background



This preview shows how the Hex color 2D0062 looks on a white background.

Color Contrast Check

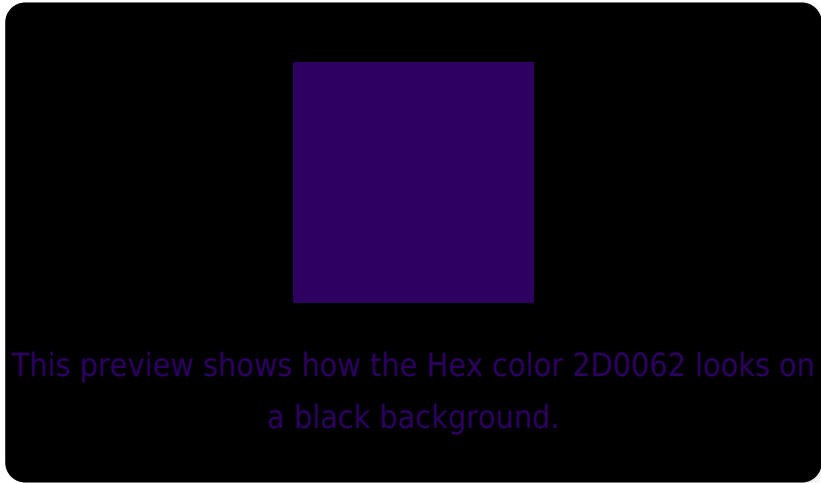
Large Text (above 18pt) WCAG AA ✓ Pass

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

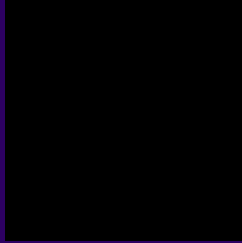
Any Text WCAG AA × Fail

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 2D0062 Background



This preview shows how black text looks on a background with the Hex color 2D0062.



This preview shows how white text looks on a background with the Hex color 2D0062.

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
2D0062

Protanopia
00234A

Deuteranopia
00253F



Tritanopia
1A2629

Trichromacy



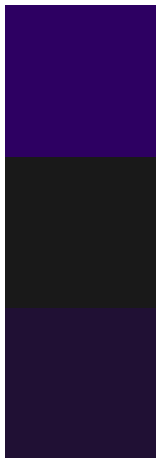
Original Color
2D0062

Protanomaly
101653

Deuteranomaly
10184C

Tritanomaly
21183E

Monochromacy



Original Color
2D0062

Achromatopsia
191919

Achromatomaly
201034

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D0062 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 #2D0062 looks like.

```
.text, #text, p{  
    color:#2D0062  
}
```

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 #2D0062 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D0062
}
```

Border

The CSS property to change the border of an element to Hex 2D0062 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".

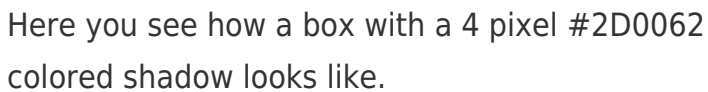
```
.border, #border, table{ border:4px solid
#2D0062 }
```

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

```
.border{ border-color:#2D0062 }
```

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

Here you see how a box with a 4 pixel #2D0062 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D0062; -webkit-box-shadow:4px 4px  
4px 4px #2D0062; box-shadow:4px 4px 4px  
4px #2D0062 }
```

Background

The CSS property to change the background color of an element to Hex 2D0062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D0062 }
```

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

```
.background{ background-color:#2D0062 }
```

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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