

Converting Colors

Hex(2D0025)

Have a look what the booklet for
Hex(2D0025) contains.

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Color

Hex(2D0025)

Conversions

Conversions Part 1

Format	Color
Hex	2D0025
RGB	45, 0, 37
RGB Percent	18%, 0%, 15%
CMY	0.8235, 1.0000, 0.8549
CMYK	0.00, 1.00, 0.18, 0.82
HSL	311°, 100%, 9%
HSV	311°, 100%, 18%
XYZ	1.4161, 0.6915, 1.8091
YIQ	17.6730, 14.9430, 21.0470

Conversions

Conversions Part 2

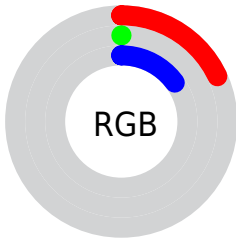
Format	Color
R_{YB}	45, 0, 37
Decimal	2949157
CIE _{Lab}	6.25, 27.15, -12.68
CIE _{LCh}	6, 29.961, 334.964
Yxy	0.6915, 0.3616, 0.1765
Android (android.graphics.Color)	4281139237 (0xFF2D0025)
YUV	17.6730, 9.5282, 23.9658
Hunter-Lab	8.3154, 15.8467, -7.0783

Details

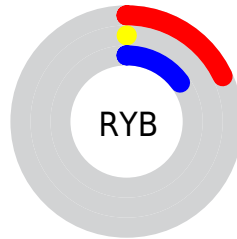
The Hex color **2D0025** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **002D08**, and the grayscale version is **121212**.

A 20% lighter version of the original color is **5D2D52**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2D0025**, and if you desaturate by 10%, it is **2D0426**.

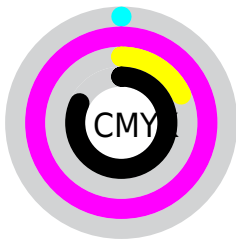
Distribution



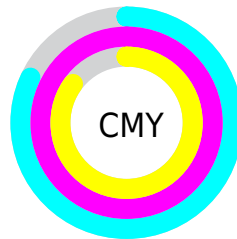
- Red (18%)
- Green (0%)
- Blue (15%)



- Red (18%)
- Yellow (0%)
- Blue (15%)



- Cyan (0%)
- Magenta (100%)
- Yellow (18%)
- Black (82%)



- Cyan (82%)
- Magenta (100%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D0025 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 2D0025 by changing the saturation by 10% instead.

 2D0025

 2D0025

 FFE3FF

 13000F

 5D2D52

 000000

 76456A

 905D83

 AB769D

 C790B8

 E3ABD4

 FFC7F0

 2D0025

■ 2D0426

■ 2D0927

■ 2D0E27

■ 2D1228

■ 2D1729

■ 2D1B2A

■ 2D202B

■ 2D242B

■ 2D292C

Harmonies

Analogous

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



160C35



2D0025



350011

Triad

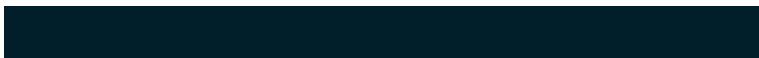
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2D0025



171400



001F2A

Complementary

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



2D0025



002D08

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.



001F17



2D0025



001B00

Square

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



2D0025



280C00



001E00



001B38

Rectangle

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



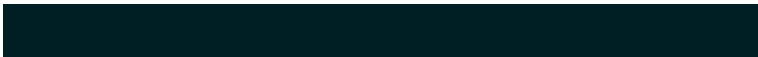
2D0025



350000



001E00



001F24

Sweetspot

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



2D0025



3B2938



07002D



1F141D



9E9E9E



1F1F1F

Same Dimension

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



2D0025



3B0030



2D000F



171517



570047



D600B0

Inverse Universe

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



2D0025



3B0030



002D1E



171517



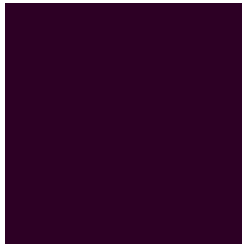
570047



D600B0

Previews

White Background



This preview shows how the Hex color 2D0025 looks on a white background.

Color Contrast Check

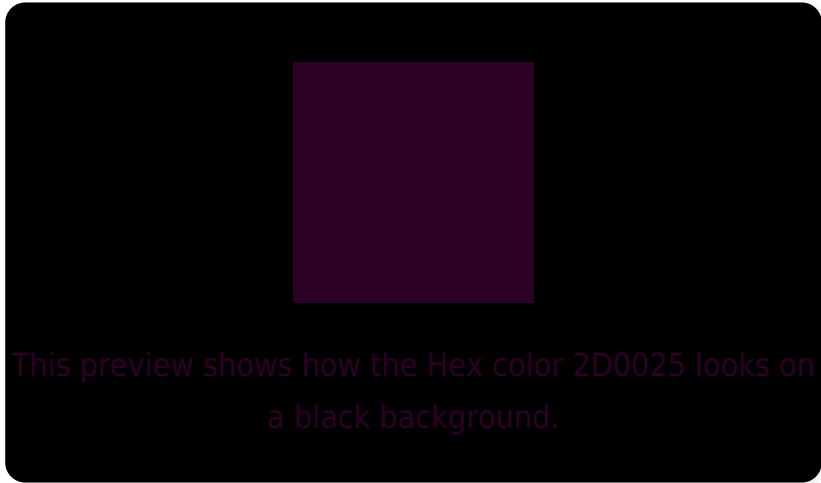
Large Text (above 18pt) WCAG AA ✓ Pass

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

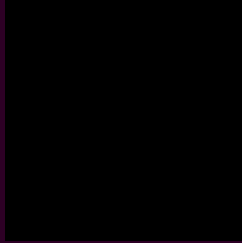
Any Text WCAG AA × Fail

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 2D0025 Background



This preview shows how black text looks on a background with the Hex color 2D0025.



This preview shows how white text looks on a background with the Hex color 2D0025.

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](#).

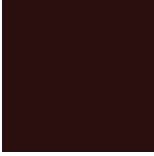
Dichromacy



Original Color
2D0025

Protanopia
001833

Deuteranopia
151823



Trichromacy



Original Color
2D0025

Protanomaly
100F2E

Deuteranomaly
1E0F24

Tritanomaly
2C0A17

Monochromacy



Original Color
2D0025

Achromatopsia
121212

Achromatomaly
1C0B19

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D0025 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 #2D0025 looks like.

```
.text, #text, p{  
    color:#2D0025  
}
```

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 #2D0025 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D0025
}
```

Border

The CSS property to change the border of an element to Hex 2D0025 is called "border". The border property can be set on classes, ids or directly on the HTML element.

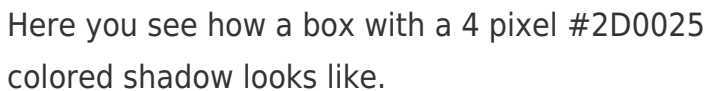
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2D0025 }
```

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

```
.border{ border-color:#2D0025 }
```

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



Here you see how a box with a 4 pixel #2D0025 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D0025; -webkit-box-shadow:4px 4px  
4px 4px #2D0025; box-shadow:4px 4px 4px  
4px #2D0025 }
```

Background

The CSS property to change the background color of an element to Hex 2D0025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D0025 }
```

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

```
.background{ background-color:#2D0025 }
```

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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