

# Converting Colors

Hex(001D35)

Have a look what the booklet for  
Hex(001D35) contains.

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# Color

**Hex(001D35)**

# Conversions

## Conversions Part 1

Format	Color
Hex	001D35
RGB	0, 29, 53
RGB Percent	0%, 11%, 21%
CMY	1.0000, 0.8863, 0.7922
CMYK	1.00, 0.45, 0.00, 0.79
HSL	207°, 100%, 10%
HSV	207°, 100%, 21%
XYZ	1.0820, 1.1358, 3.5304
YIQ	23.0650, -24.9880, 1.3160

# Conversions

## Conversions Part 2

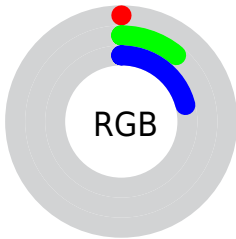
Format	Color
<a href="#">RYB</a>	<a href="#">0, 19, 53</a>
Decimal	<a href="#">7477</a>
CIELab	<a href="#">10.07, 0.09, -18.82</a>
CIELCh	<a href="#">10, 18.818, 270.259</a>
Yxy	<a href="#">1.1358, 0.1882, 0.1976</a>
Android (android.graphics.Color)	<a href="#">4278197557</a> ( <a href="#">0xFF001D35</a> )
YUV	<a href="#">23.0650, 14.7580, -20.2280</a>
Hunter-Lab	<a href="#">10.6573, -0.5281, -12.1805</a>

# Details

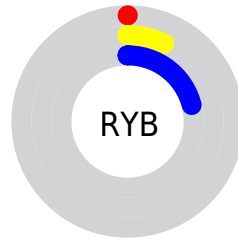
The Hex color **001D35** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **351800**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **334864**, and **000004** is the 20% darker color. If you saturate the color by 10%, you get **001D35**, and if you desaturate by 10%, it is **051F35**.

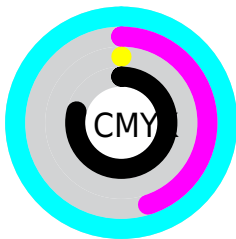
# Distribution



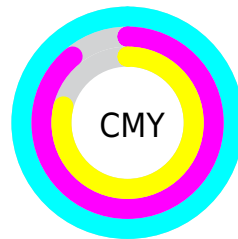
- Red (0%)
- Green (11%)
- Blue (21%)



- Red (0%)
- Yellow (7%)
- Blue (21%)



- Cyan (100%)
- Magenta (45%)
- Yellow (0%)
- Black (79%)



- Cyan (100%)
- Magenta (89%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 001D35 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 001D35 by changing the saturation by 10% instead.



 001D35

 001D35

 ECFFFF

 000220

 334864

 000004

 4B607D

 000000

 647997

 7E92B2

 98ADCD

 B3C8E9

 CFE4FF

 001D35

■ 051F35

■ 0B2235

■ 102435

■ 152735

■ 1B2935

■ 202B35

■ 252E35

■ 2A3035

■ 303335

# Harmonies

## Analogous

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



002031



001D35



1C1832

# Triad

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



001D35



32120E



04210D

# Complementary

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



001D35



351800

# 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.



181E00



001D35



2D1600

# Square

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



001D35



32101C



241B00



00221B

# Rectangle

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



001D35



27152C



241B00



0C2007



# Sweetspot

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



001D35



303B45



003518



171E24



A3A3A3



242424



# Same Dimension

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



001D35



002645



000335



17181A



003159



0077D9



# Inverse Universe

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



35001D



450026



353200



1A1718



590031



D90077



# Previews

## White Background



This preview shows how the Hex color 001D35 looks on a white background.

## Color Contrast Check

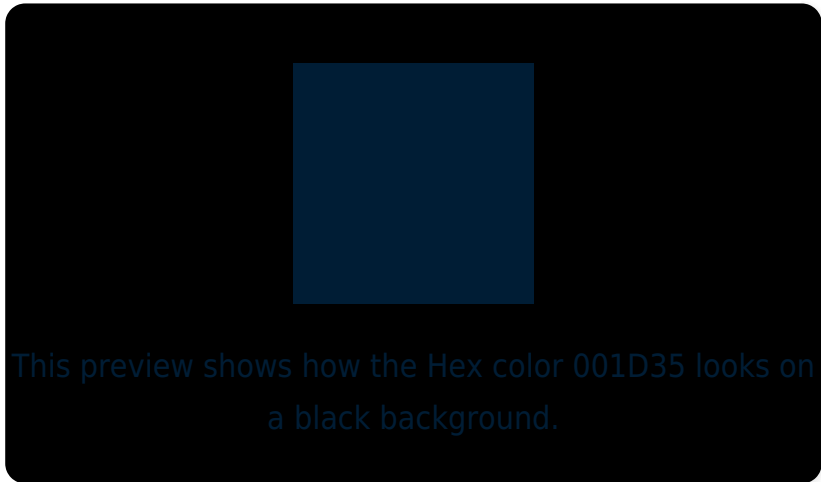
Large Text (above 18pt) WCAG AA ✓ Pass

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

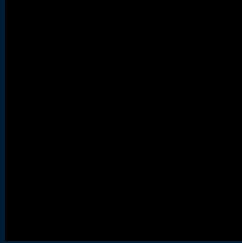
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 001D35 Background



This preview shows how black text looks on a background with the Hex color 001D35.



This preview shows how white text looks on a background with the Hex color 001D35.

# 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**  
001D35

**Protanopia**  
111C34

**Deuteranopia**  
001D34



# Trichromacy



**Original Color**  
001D35

**Protanomaly**  
0B1C34

**Deuteranomaly**  
001D34

**Tritanomaly**  
001F29

# Monochromacy



**Original Color**  
001D35

**Achromatopsia**  
171717

**Achromatomaly**  
0F1922

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 001D35 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 #001D35 looks like.

```
.text, #text, p{  
    color:#001D35  
}
```

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 #001D35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001D35
}
```

## Border

The CSS property to change the border of an element to Hex 001D35 is called "border". The border property can be set on classes, ids or directly on the HTML element.

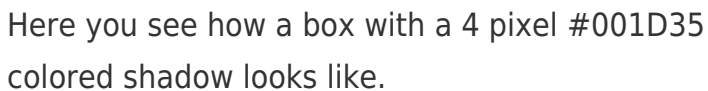
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#001D35 }
```

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

```
.border{ border-color:#001D35 }
```

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



Here you see how a box with a 4 pixel #001D35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001D35; -webkit-box-shadow:4px 4px  
4px 4px #001D35; box-shadow:4px 4px 4px  
4px #001D35 }
```

# Background

The CSS property to change the background color of an element to Hex 001D35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001D35 }
```

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

```
.background{ background-color:#001D35 }
```

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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