

Converting Colors

Hex(031D66)

Have a look what the booklet for
Hex(031D66) contains.

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Color

Hex(031D66)

Conversions

Conversions Part 1

Format	Color
Hex	031D66
RGB	3, 29, 102
RGB Percent	1%, 11%, 40%
CMY	0.9882, 0.8863, 0.6000
CMYK	0.97, 0.72, 0.00, 0.60
HSL	224°, 94%, 21%
HSV	224°, 97%, 40%
XYZ	2.8752, 1.8574, 12.7773
YIQ	29.5480, -38.9290, 17.1910

Conversions

Conversions Part 2

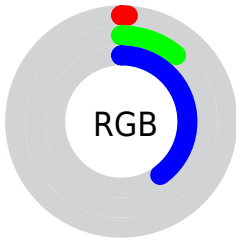
Format	Color
R_{YB}	3, 24, 102
Decimal	204134
CIE _{Lab}	14.72, 23.38, -44.95
CIE _{LCh}	15, 50.666, 297.477
Yxy	1.8574, 0.1642, 0.1061
Android (android.graphics.Color)	4278394214 (0xFF031D66)
YUV	29.5480, 35.7188, -23.2826
Hunter-Lab	13.6286, 13.8075, -46.0465

Details

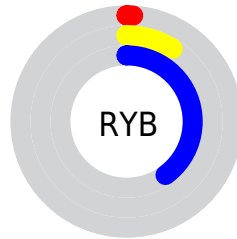
The Hex color **031D66** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **664C03**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **47489A**, and **000436** is the 20% darker color. If you saturate the color by 10%, you get **001B66**, and if you desaturate by 10%, it is **0D2566**.

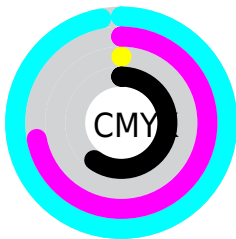
Distribution



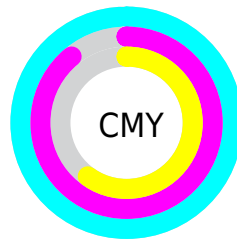
- Red (1%)
- Green (11%)
- Blue (40%)



- Red (1%)
- Yellow (9%)
- Blue (40%)



- Cyan (97%)
- Magenta (72%)
- Yellow (0%)
- Black (60%)



- Cyan (99%)
- Magenta (89%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 031D66 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 031D66 by changing the saturation by 10% instead.

■ 031D66

■ 031D66

FFFFFF

■ 00074D

■ 47489A

■ 000436

■ 6260B5

■ 000220

■ 7E79D1

■ 000003

■ 9993EE

■ 000000

■ B5ADFF

■ D2C9FF

■ EFE5FF

■ 031D66

■ 031D66

■ 001B66

■ 0D2566

■ 172C66

■ 223466

■ 2C3B66

■ 364366

■ 404A66

■ 4A5266

■ 555966

■ 5F6166

Harmonies

Analogous

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



002C6E



031D66



4A004C

Triad

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



031D66



4C0F00



003321

Complementary

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



031D66



664C03

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.



003000



031D66



322300

Square

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



031D66



5C0000



0B2C00



003346

Rectangle

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



031D66



5A0036



0B2C00



003214

Sweetspot

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



031D66



5E6885



03664C



2B3142



C2C2C2



424242

Same Dimension

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



031D66



002385



1A0366



2E2F33



001E73



0040F2

Inverse Universe

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



66031D



850023



4F6603



332E2F



73001E



F20040

Previews

White Background



This preview shows how the Hex color 031D66 looks on a white background.

Color Contrast Check

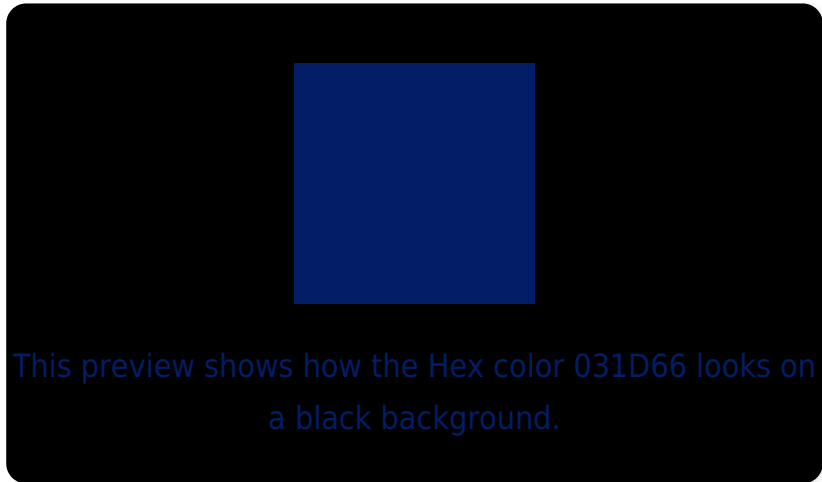
Large Text (above 18pt) WCAG AA ✓ Pass

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

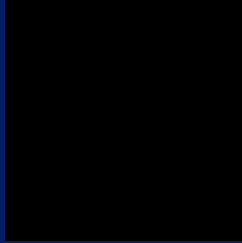
Any Text WCAG AA × Fail

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 031D66 Background



This preview shows how black text looks on a background with the Hex color 031D66.



This preview shows how white text looks on a background with the Hex color 031D66.

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
031D66

Protanopia
00254E

Deuteranopia
002842



Tritanopia
002B2D

Trichromacy



Original Color
031D66

Protanomaly
012257

Deuteranomaly
01244F

Tritanomaly
012642

Monochromacy



Original Color
031D66

Achromatopsia
1E1E1E

Achromatomaly
141E38

CSS Examples

Text

The CSS property to change the color of the text to Hex 031D66 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 #031D66 looks like.

```
.text, #text, p{  
    color:#031D66  
}
```

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 #031D66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #031D66
}
```

Border

The CSS property to change the border of an element to Hex 031D66 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
#031D66 }
```

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

```
.border{ border-color:#031D66 }
```

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

Here you see how a box with a 4 pixel #031D66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #031D66; -webkit-box-shadow:4px 4px  
4px 4px #031D66; box-shadow:4px 4px 4px  
4px #031D66 }
```

Background

The CSS property to change the background color of an element to Hex 031D66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#031D66 }
```

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

```
.background{ background-color:#031D66 }
```

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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