

Converting Colors

Hex(031368)

Have a look what the booklet for
Hex(031368) contains.

Hex(031368)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(031368)

Conversions

Conversions Part 1

Format	Color
Hex	031368
RGB	3, 19, 104
RGB Percent	1%, 7%, 41%
CMY	0.9882, 0.9255, 0.5922
CMYK	0.97, 0.82, 0.00, 0.59
HSL	230°, 94%, 21%
HSV	230°, 97%, 41%
XYZ	2.7691, 1.4846, 13.2373
YIQ	23.9060, -36.8210, 23.0430

Conversions

Conversions Part 2

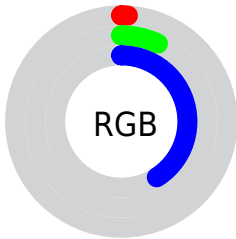
Format	Color
R_{YB}	3, 17, 104
Decimal	201576
CIE Lab	12.51, 30.97, -49.92
CIE LCh	13, 58.747, 301.810
Yxy	1.4846, 0.1583, 0.0849
Android (android.graphics.Color)	4278391656 (0xFF031368)
YUV	23.9060, 39.4863, -18.3346
Hunter-Lab	12.1843, 19.2448, -55.8848

Details

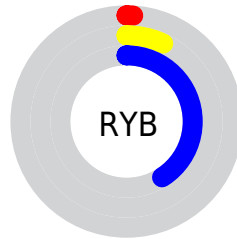
The Hex color **031368** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **685803**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **493E9C**, and **000537** is the 20% darker color. If you saturate the color by 10%, you get **001068**, and if you desaturate by 10%, it is **0D1C68**.

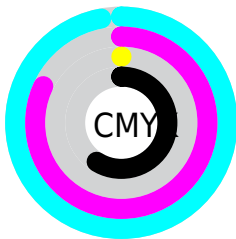
Distribution



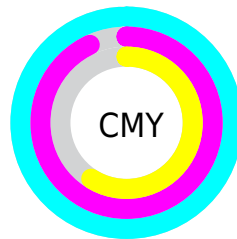
- Red (1%)
- Green (7%)
- Blue (41%)



- Red (1%)
- Yellow (7%)
- Blue (41%)



- Cyan (97%)
- Magenta (82%)
- Yellow (0%)
- Black (59%)



- Cyan (99%)
- Magenta (93%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 031368 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 031368 by changing the saturation by 10% instead.

■ 031368

■ 031368

■ FFF6FF

■ 00004F

■ 493E9C

■ 000537

■ 6556B8

■ 000221

■ 806ED4

■ 000006

■ 9C88F0

■ 000000

■ B9A2FF

■ D5BEFF

■ F3D9FF

■ 031368

■ 031368

■ 001068

■ 0D1C68

■ 182568

■ 222D68

■ 2D3668

■ 373F68

■ 414868

■ 4C5068

■ 565968

■ 616268

Harmonies

Analogous

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



002775



031368



4F0048

Triad

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



031368



460900



002F22

Complementary

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



031368



685803

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



031368



282000

Square

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



031368



5B0000



002900



00304B

Rectangle

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



031368



5D002E



002900



002F13

Sweetspot

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



031368



606687



036857



2D3145



C4C4C4



454545

Same Dimension

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



031368



001587



250368



2E2F33



001273



0026F2

Inverse Universe

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



680313



870015



466803



332E2F



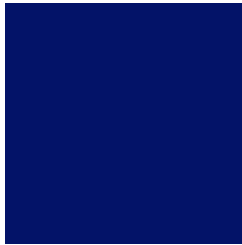
730012



F20026

Previews

White Background



This preview shows how the Hex color 031368 looks on a white background.

Color Contrast Check

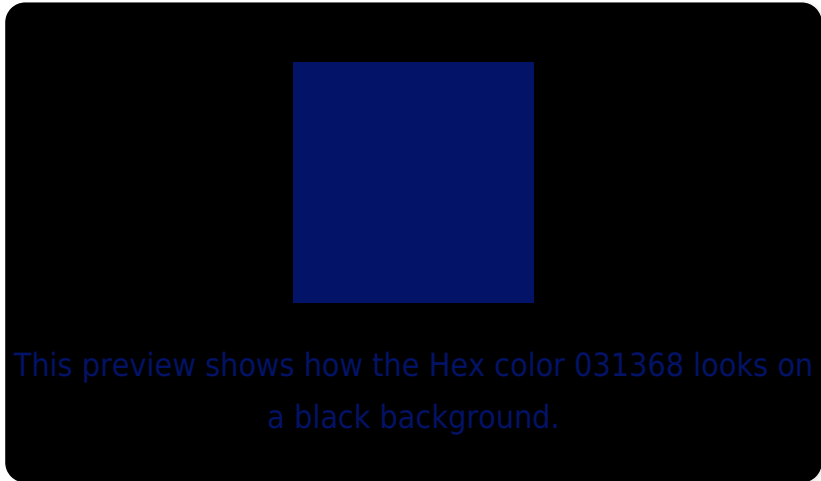
Large Text (above 18pt) WCAG AA ✓ Pass

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

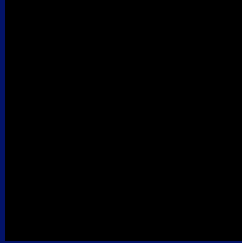
Any Text WCAG AA × Fail

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 031368 Background



This preview shows how black text looks on a background with the Hex color 031368.



This preview shows how white text looks on a background with the Hex color 031368.

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
031368

Protanopia
002146

Deuteranopia
00243C

Trichromacy



Original Color
031368

Protanomaly
011C52

Deuteranomaly
011E4C

Tritanomaly
011F3F

Monochromacy



Original Color
031368

Achromatopsia
181818

Achromatomaly
101635

CSS Examples

Text

The CSS property to change the color of the text to Hex 031368 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 #031368 looks like.

```
.text, #text, p{  
    color:#031368  
}
```

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 #031368 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #031368
}
```

Border

The CSS property to change the border of an element to Hex 031368 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
#031368 }
```

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

```
.border{ border-color:#031368 }
```

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

Here you see how a box with a 4 pixel #031368 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #031368; -webkit-box-shadow:4px 4px  
4px 4px #031368; box-shadow:4px 4px 4px  
4px #031368 }
```

Background

The CSS property to change the background color of an element to Hex 031368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#031368 }
```

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

```
.background{ background-color:#031368 }
```

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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