

Converting Colors

Hex(031015)

Have a look what the booklet for
Hex(031015) contains.

Hex(031015)	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(031015)

Conversions

Conversions Part 1

Format	Color
Hex	031015
RGB	3, 16, 21
RGB Percent	1%, 6%, 8%
CMY	0.9882, 0.9373, 0.9176
CMYK	0.86, 0.24, 0.00, 0.92
HSL	197°, 75%, 5%
HSV	197°, 86%, 8%
XYZ	0.3582, 0.4441, 0.7763
YIQ	12.6830, -9.3530, -1.2010

Conversions

Conversions Part 2

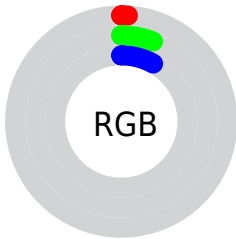
Format	Color
R_{YB}	3, 11, 21
Decimal	200725
CIE Lab	4.01, -2.62, -4.19
CIE LCh	4, 4.938, 237.996
Yxy	0.4441, 0.2269, 0.2813
Android (android.graphics.Color)	4278390805 (0xFF031015)
YUV	12.6830, 4.1003, -8.4920
Hunter-Lab	6.6640, -2.0672, -2.2421

Details

The Hex color **031015** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **150803**, and the grayscale version is **0D0D0D**.

A 20% lighter version of the original color is **313B3F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **010F15**, and if you desaturate by 10%, it is **051115**.

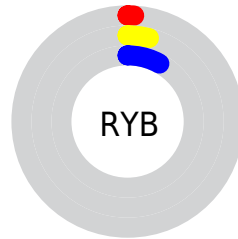
Distribution



Red (1%)

Green (6%)

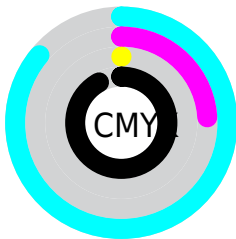
Blue (8%)



Red (1%)

Yellow (4%)

Blue (8%)

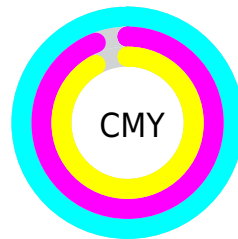


Cyan (86%)

Magenta (24%)

Yellow (0%)

Black (92%)



Cyan (99%)

Magenta (94%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 031015 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 031015 by changing the saturation by 10% instead.

■ 031015

■ 031015

■ E4F0F6

■ 000000

■ 313B3F

■ 485256

■ 606A6F

■ 798388

■ 929DA2

■ ADB8BD

■ C8D3D9

■ 031015

■ 031015

■ 010F15

■ 051115

■ 000F15

■ 071115

■ 091215

■ 0B1215

■ 0D1315

■ 101315

■ 121415

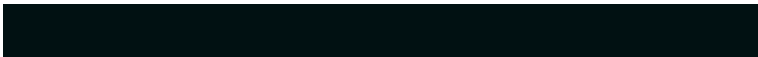
■ 141515

■ 161515

Harmonies

Analogous

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



011112



031015



090F16

Triad

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



031015



160B0F



0D0F04

Complementary

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



031015



150803

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.



130E03



031015



170B09

Square

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



031015



140C13



160C05



071008

Rectangle

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



031015



0D0E16



160C05



0F0F03

Sweetspot

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



031015



151A1C



031508



0B0E0F



8F8F8F



0F0F0F

Same Dimension

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



031015



00141C



030715



090A0A



00354A



0091C9

Inverse Universe

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



150310



1C0014



151103



0A090A



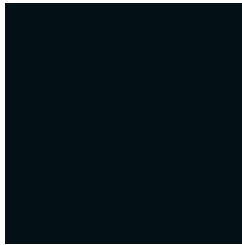
4A0035



C90091

Previews

White Background



This preview shows how the Hex color 031015 looks on a white background.

Color Contrast Check

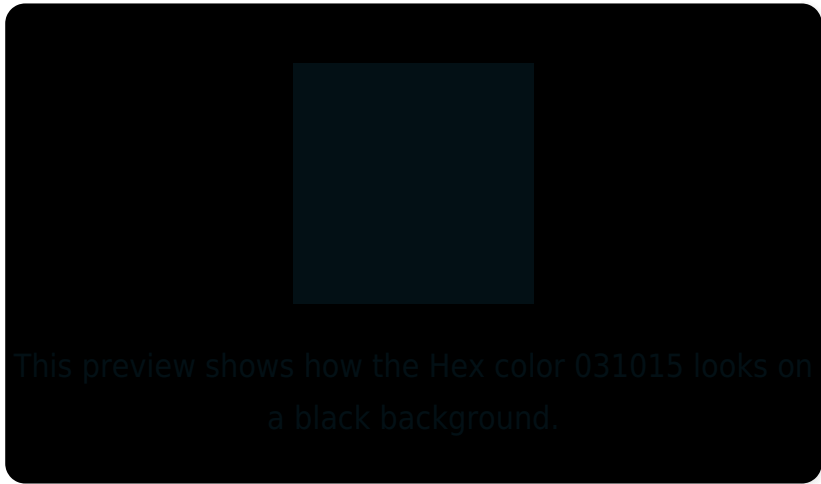
Large Text (above 18pt) WCAG AA ✓ Pass

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

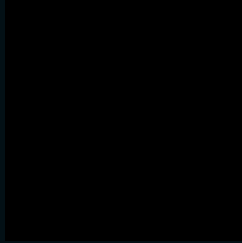
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

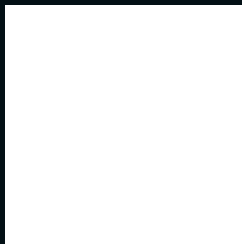
Any Text WCAG AAA × Fail

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

Hex 031015 Background



This preview shows how black text looks on a background with the Hex color 031015.

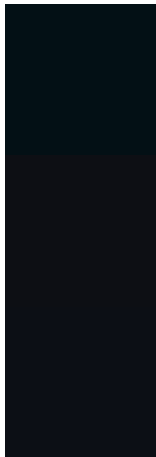


This preview shows how white text looks on a background with the Hex color 031015.

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
031015

Protanopia
0D0F14

Deuteranopia
0C0F15



Tritanopia
001012

Trichromacy



Original Color
031015

Protanomaly
090F14

Deuteranomaly
090F15

Tritanomaly
011013

Monochromacy



Original Color
031015

Achromatopsia
0D0D0D

Achromatomaly
090E10

CSS Examples

Text

The CSS property to change the color of the text to Hex 031015 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 #031015 looks like.

```
.text, #text, p{  
    color:#031015  
}
```

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 #031015 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #031015
}
```

Border

The CSS property to change the border of an element to Hex 031015 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
#031015 }
```

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

```
.border{ border-color:#031015 }
```

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

Here you see how a box with a 4 pixel #031015 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #031015; -webkit-box-shadow:4px 4px  
4px 4px #031015; box-shadow:4px 4px 4px  
4px #031015 }
```

Background

The CSS property to change the background color of an element to Hex 031015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#031015 }
```

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

```
.background{ background-color:#031015 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor