

Converting Colors

Hex(031510)

Have a look what the booklet for
Hex(031510) contains.

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Color

Hex(031510)

Conversions

Conversions Part 1

Format	Color
Hex	031510
RGB	3, 21, 16
RGB Percent	1%, 8%, 6%
CMY	0.9882, 0.9176, 0.9373
CMYK	0.86, 0.00, 0.24, 0.92
HSL	163°, 75%, 5%
HSV	163°, 86%, 8%
XYZ	0.3992, 0.5931, 0.5836
YIQ	15.0480, -9.1230, -5.3710

Conversions

Conversions Part 2

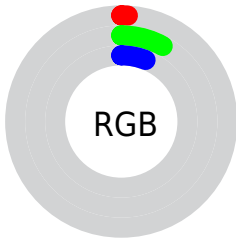
Format	Color
RYB	3, 13, 21
Decimal	202000
CIELab	5.36, -6.74, 0.89
CIELCh	5, 6.796, 172.486
Yxy	0.5931, 0.2533, 0.3763
Android (android.graphics.Color)	4278392080 (0xFF031510)
YUV	15.0480, 0.4693, -10.5661
Hunter-Lab	7.7013, -4.2236, 0.8976

Details

The Hex color **031510** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **150308**, and the grayscale version is **0F0F0F**.

A 20% lighter version of the original color is **313F3B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **01150F**, and if you desaturate by 10%, it is **051511**.

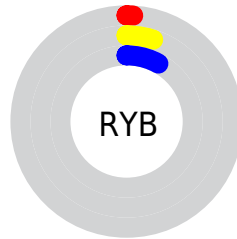
Distribution



Red (1%)

Green (8%)

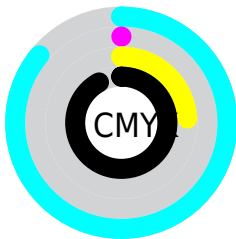
Blue (6%)



Red (1%)

Yellow (5%)

Blue (8%)

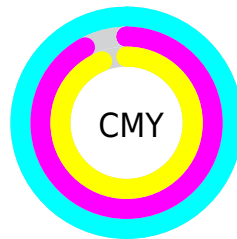


Cyan (86%)

Magenta (0%)

Yellow (24%)

Black (92%)



Cyan (99%)

Magenta (92%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 031510 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 031510 by changing the saturation by 10% instead.

■ 031510

■ 031510

■ E4F6F0

■ 000000

■ 313F3B

■ 485652

■ 606F6A

■ 788883

■ 92A29D

■ ADBDB8

■ C8D9D3

■ 031510

■ 031510

■ 01150F

■ 051511

■ 00150F

■ 071511

■ 091512

■ 0B1512

■ 0D1513

■ 101513

■ 121514

■ 141515

■ 161515

Harmonies

Analogous

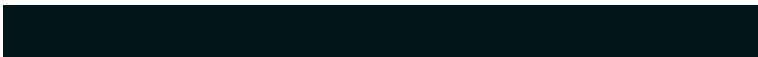
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0A1409



031510



001516

Triad

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



031510



11111B



1B0F07

Complementary

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



031510



150308

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.



1C0E0D



031510



170F18

Square

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



031510



09131B



1B0E13



181103

Rectangle

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



031510



011518



1B0E13



1C0F09

Sweetspot

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



031510



151C1A



081503



0B0F0E



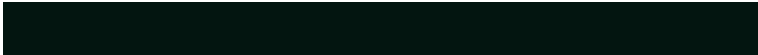
8F8F8F



0F0F0F

Same Dimension

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



031510



001C14



031115



090A0A



004A35



00C991

Inverse Universe

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



150308



1C0008



150703



0A0909



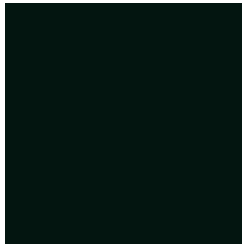
4A0015



C90038

Previews

White Background



This preview shows how the Hex color 031510 looks on a white background.

Color Contrast Check

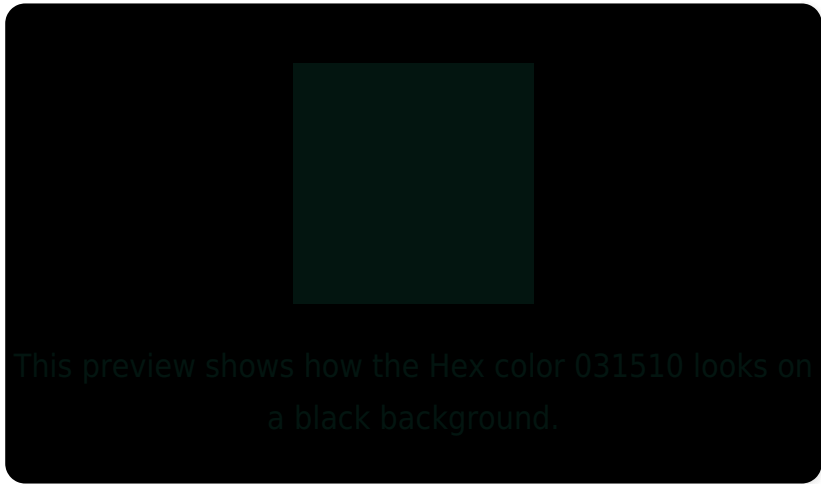
Large Text (above 18pt) WCAG AA ✓ Pass

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

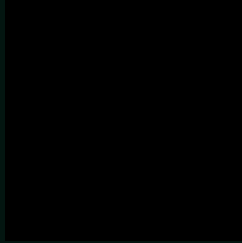
Any Text WCAG AA × Fail

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 031510 Background



This preview shows how black text looks on a background with the Hex color 031510.



This preview shows how white text looks on a background with the Hex color 031510.

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
031510

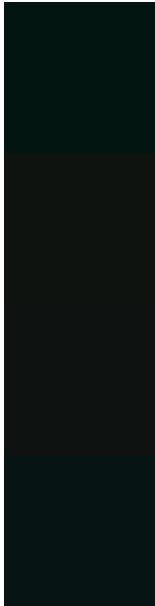
Protanopia
14120F

Deuteranopia
151211



Tritanopia
071416

Trichromacy



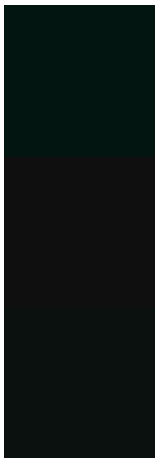
Original Color
031510

Protanomaly
0E130F

Deuteranomaly
0E1311

Tritanomaly
061414

Monochromacy



Original Color
031510

Achromatopsia
0F0F0F

Achromatomaly
0B110F

CSS Examples

Text

The CSS property to change the color of the text to Hex 031510 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 #031510 looks like.

```
.text, #text, p{  
    color:#031510  
}
```

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 #031510 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #031510
}
```

Border

The CSS property to change the border of an element to Hex 031510 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
#031510 }
```

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

```
.border{ border-color:#031510 }
```

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

Here you see how a box with a 4 pixel #031510 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #031510; -webkit-box-shadow:4px 4px  
4px 4px #031510; box-shadow:4px 4px 4px  
4px #031510 }
```

Background

The CSS property to change the background color of an element to Hex 031510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#031510 }
```

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

```
.background{ background-color:#031510 }
```

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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