

Converting Colors

Hex(030954)

Have a look what the booklet for
Hex(030954) contains.

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Color

Hex(030954)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 030954 |
| RGB | 3, 9, 84 |
| RGB Percent | 1%, 4%, 33% |
| CMY | 0.9882, 0.9647, 0.6706 |
| CMYK | 0.96, 0.89, 0.00, 0.67 |
| HSL | 236°, 93%, 17% |
| HSV | 236°, 96%, 33% |
| XYZ | 1.7355, 0.8548, 8.4610 |
| YIQ | 15.7560, -27.6510, 22.0530 |

Conversions

Conversions Part 2

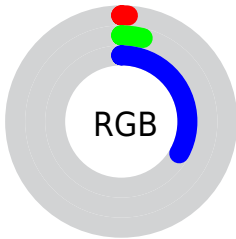
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 3, 9, 84 |
| Decimal | 198996 |
| CIE _{Lab} | 7.72, 29.41, -44.45 |
| CIE _{LCh} | 8, 53.299, 303.496 |
| Yxy | 0.8548, 0.1570, 0.0774 |
| Android (android.graphics.Color) | 4278389076 (0xFF030954) |
| YUV | 15.7560, 33.6443, -11.1870 |
| Hunter-Lab | 9.2457, 17.3256, -47.7863 |

Details

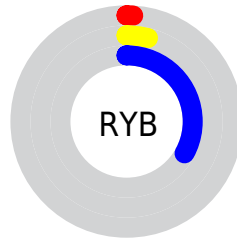
The Hex color **030954** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **544E03**, and the grayscale version is **0F0F0F**.

A 20% lighter version of the original color is **433487**, and **000225** is the 20% darker color. If you saturate the color by 10%, you get **000654**, and if you desaturate by 10%, it is **0B1154**.

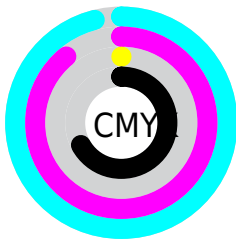
Distribution



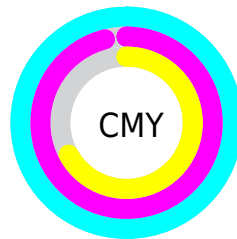
- Red (1%)
- Green (4%)
- Blue (33%)



- Red (1%)
- Yellow (4%)
- Blue (33%)



- Cyan (96%)
- Magenta (89%)
- Yellow (0%)
- Black (67%)



- Cyan (99%)
- Magenta (96%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 030954 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 030954 by changing the saturation by 10% instead.

 030954

 030954

 FFE9FF

 00003C

 433487

 000225

 5D4BA1

 00010E

 7863BD

 000000

 937CD9

 AF96F5

 CCB1FF

 E9CCFF

 030954

 030954

■ 000654

■ 0B1154

■ 141954

■ 1C2054

■ 252854

■ 2D3054

■ 353854

■ 3E3F54

■ 464754

■ 4F4F54

Harmonies

Analogous

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



001D61



030954



400037

Triad

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



030954



350400



00231A

Complementary

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



030954



544E03

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.



002200



030954



1A1800

Square

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



030954



480000



002100



00243E

Rectangle

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



030954



4C0020



002100



00220C

Sweetspot

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



030954



4E506E



03544D



242638



B8B8B8



383838

Same Dimension

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



030954



00086E



250354



252529



000869



0011E8

Inverse Universe

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



540309



6E0008



325403



292525



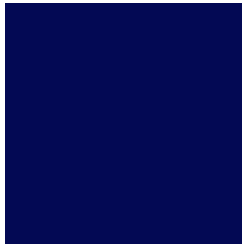
690008



E80011

Previews

White Background



This preview shows how the Hex color 030954 looks on a white background.

Color Contrast Check

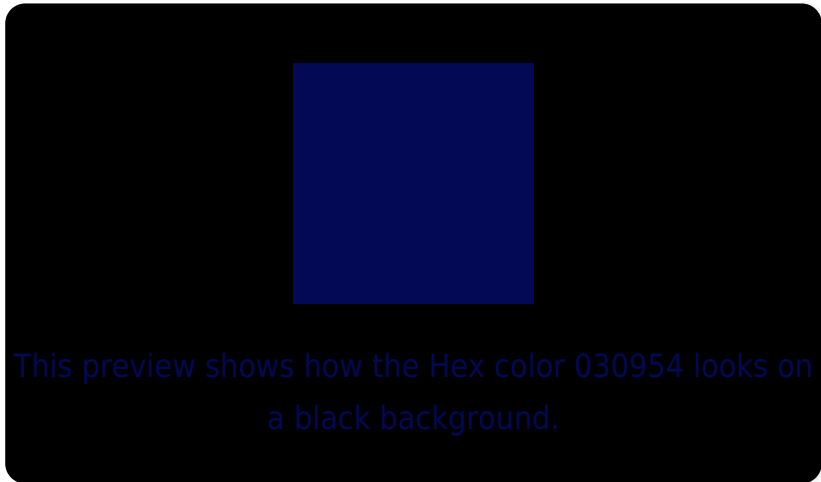
Large Text (above 18pt) WCAG AA ✓ Pass

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

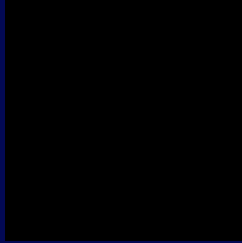
Any Text WCAG AA × Fail

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 030954 Background



This preview shows how black text looks on a background with the Hex color 030954.



This preview shows how white text looks on a background with the Hex color 030954.

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
030954

Protanopia
001935

Deuteranopia
001B2D



Tritanopia
001D1E

Trichromacy



Original Color
030954

Protanomaly
011340

Deuteranomaly
01143B

Tritanomaly
011632

Monochromacy



Original Color
030954

Achromatopsia
101010

Achromatomaly
0B0D29

CSS Examples

Text

The CSS property to change the color of the text to Hex 030954 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 #030954 looks like.

```
.text, #text, p{  
    color:#030954  
}
```

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 #030954 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #030954
}
```

Border

The CSS property to change the border of an element to Hex 030954 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
#030954 }
```

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

```
.border{ border-color:#030954 }
```

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

Here you see how a box with a 4 pixel #030954 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #030954; -webkit-box-shadow:4px 4px  
4px 4px #030954; box-shadow:4px 4px 4px  
4px #030954 }
```

Background

The CSS property to change the background color of an element to Hex 030954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#030954 }
```

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

```
.background{ background-color:#030954 }
```

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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