

Converting Colors

Hex(052433)

Have a look what the booklet for
Hex(052433) contains.

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Color

Hex(052433)

Conversions

Conversions Part 1

Format	Color
Hex	052433
RGB	5, 36, 51
RGB Percent	2%, 14%, 20%
CMY	0.9804, 0.8588, 0.8000
CMYK	0.90, 0.29, 0.00, 0.80
HSL	200°, 82%, 11%
HSV	200°, 90%, 20%
XYZ	1.2910, 1.5330, 3.3598
YIQ	28.4410, -23.2910, -1.9070

Conversions

Conversions Part 2

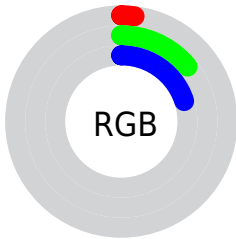
Format	Color
RYB	5, 24, 51
Decimal	336947
CIELab	12.82, -4.91, -13.05
CIElCh	13, 13.941, 249.373
Yxy	1.5330, 0.2088, 0.2479
Android (android.graphics.Color)	4278527027 (0xFF052433)
YUV	28.4410, 11.1216, -20.5578
Hunter-Lab	12.3816, -3.0559, -7.4217

Details

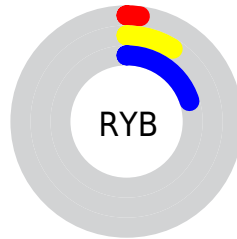
The Hex color **052433** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **331405**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **365061**, and **000002** is the 20% darker color. If you saturate the color by 10%, you get **002233**, and if you desaturate by 10%, it is **0A2633**.

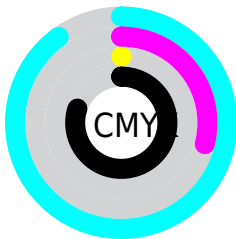
Distribution



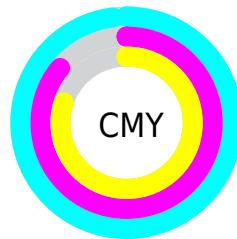
- Red (2%)
- Green (14%)
- Blue (20%)



- Red (2%)
- Yellow (9%)
- Blue (20%)



- Cyan (90%)
- Magenta (29%)
- Yellow (0%)
- Black (80%)



- Cyan (98%)
- Magenta (86%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 052433 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 052433 by changing the saturation by 10% instead.

■ 052433

■ 052433

■ EFFFFFF

■ 000F1E

■ 365061

■ 000002

■ 4E687A

■ 000000

■ 678294

■ 819CAF

■ 9BB6CA

■ B6D2E6

■ D2EEFF

■ 052433

■ 052433

■ 002233

■ 0A2633

■ 0F2733

■ 142933

■ 192B33

■ 1E2C33

■ 242E33

■ 293033

■ 2E3133

■ 333333

Harmonies

Analogous

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



00262D



052433



182134

Triad

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



052433



34191E



1A2412

Complementary

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



052433



331405

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.



25220C



052433



321B15

Square

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



052433



301A28



2D1E0E



0D261A

Rectangle

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



052433



221F32



2D1E0E



1E230F

Sweetspot

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



052433



303C42



053314



171E21



A1A1A1



212121

Same Dimension

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



052433



002D42



050D33



17191A



003C59



0092D9

Inverse Universe

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



330524



42002D



332B05



1A1719



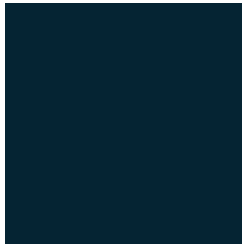
59003C



D90092

Previews

White Background



This preview shows how the Hex color 052433 looks on a white background.

Color Contrast Check

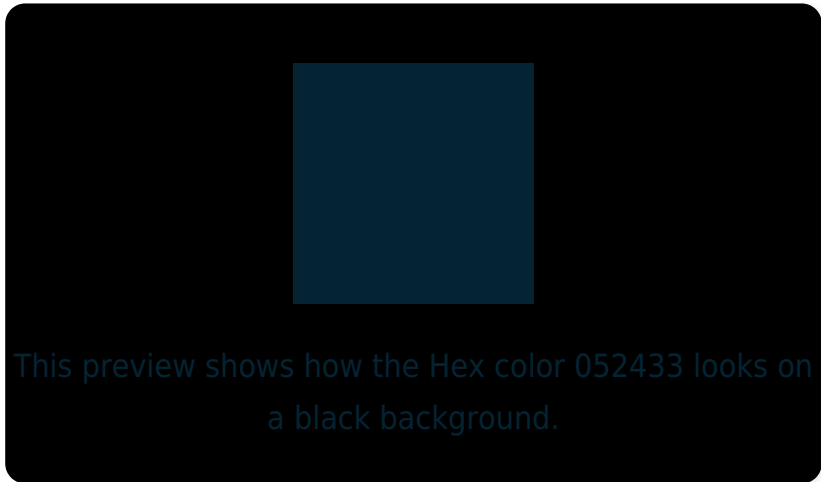
Large Text (above 18pt) WCAG AA ✓ Pass

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

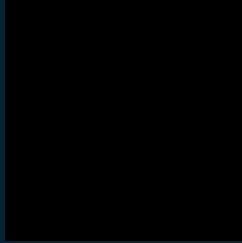
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

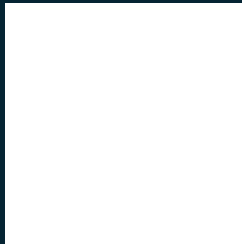
Any Text WCAG AAA × Fail

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

Hex 052433 Background



This preview shows how black text looks on a background with the Hex color 052433.



This preview shows how white text looks on a background with the Hex color 052433.

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
052433

Protanopia
1D2131

Deuteranopia
192234

Trichromacy



Original Color
052433

Protanomaly
142232

Deuteranomaly
122334

Tritanomaly
02252C

Monochromacy



Original Color
052433

Achromatopsia
1C1C1C

Achromatomaly
141F24

CSS Examples

Text

The CSS property to change the color of the text to Hex 052433 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 #052433 looks like.

```
.text, #text, p{  
    color:#052433  
}
```

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 #052433 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #052433
}
```

Border

The CSS property to change the border of an element to Hex 052433 is called "border". The border property can be set on classes, ids or directly on the HTML element.

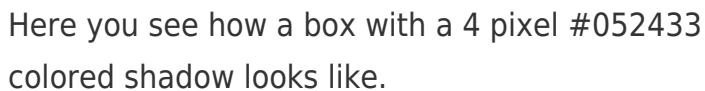
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#052433 }
```

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

```
.border{ border-color:#052433 }
```

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



Here you see how a box with a 4 pixel #052433 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #052433; -webkit-box-shadow:4px 4px  
4px 4px #052433; box-shadow:4px 4px 4px  
4px #052433 }
```

Background

The CSS property to change the background color of an element to Hex 052433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#052433 }
```

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

```
.background{ background-color:#052433 }
```

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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