

Converting Colors

Hex(052033)

Have a look what the booklet for
Hex(052033) contains.

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Color

Hex(052033)

Conversions

Conversions Part 1

Format	Color
Hex	052033
RGB	5, 32, 51
RGB Percent	2%, 13%, 20%
CMY	0.9804, 0.8745, 0.8000
CMYK	0.90, 0.37, 0.00, 0.80
HSL	205°, 82%, 11%
HSV	205°, 90%, 20%
XYZ	1.1766, 1.3043, 3.3217
YIQ	26.0930, -22.1910, 0.1850

Conversions

Conversions Part 2

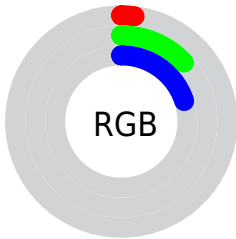
Format	Color
RYB	5, 22, 51
Decimal	335923
CIELab	11.31, -2.03, -15.41
CIELCh	11, 15.547, 262.496
Yxy	1.3043, 0.2028, 0.2248
Android (android.graphics.Color)	4278526003 (0xFF052033)
YUV	26.0930, 12.2792, -18.4986
Hunter-Lab	11.4206, -1.5956, -9.2502

Details

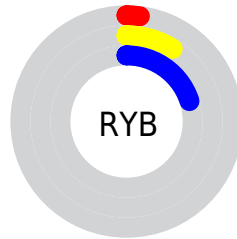
The Hex color **052033** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **331805**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **364C62**, and **000001** is the 20% darker color. If you saturate the color by 10%, you get **001E33**, and if you desaturate by 10%, it is **0A2233**.

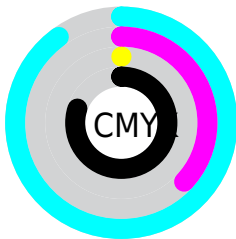
Distribution



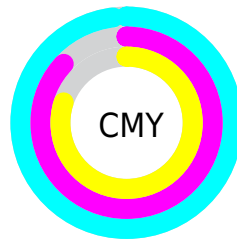
- Red (2%)
- Green (13%)
- Blue (20%)



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



- Cyan (90%)
- Magenta (37%)
- Yellow (0%)
- Black (80%)



- Cyan (98%)
- Magenta (87%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 052033 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 052033 by changing the saturation by 10% instead.

■ 052033

■ 052033

■ EEEFFF

■ 00081E

■ 364C62

■ 000001

■ 4E647A

■ 000000

■ 677C94

■ 8096AF

■ 9BB1CA

■ B6CCE6

■ D2E9FF

■ 052033

■ 052033

■ 001E33

■ 0A2233

■ 0F2433

■ 142633

■ 192833

■ 1E2B33

■ 242D33

■ 292F33

■ 2E3133

■ 333333

Harmonies

Analogous

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



00222F



052033



1B1C32

Triad

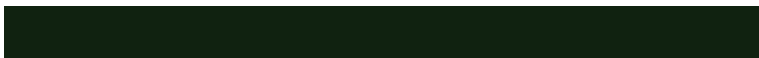
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



052033



321617



102210

Complementary

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



052033



331805

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.



1D2006



052033



2F190B

Square

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



052033



301621



281C04



00231B

Rectangle

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



052033



251A2E



281C04



15220C

Sweetspot

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



052033



303B42



053317



171D21



A1A1A1



212121

Same Dimension

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



052033



002742



050A33



17181A



003459



007FD9

Inverse Universe

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



330520



420027



332E05



1A1718



590034



D9007F

Previews

White Background



This preview shows how the Hex color 052033 looks on a white background.

Color Contrast Check

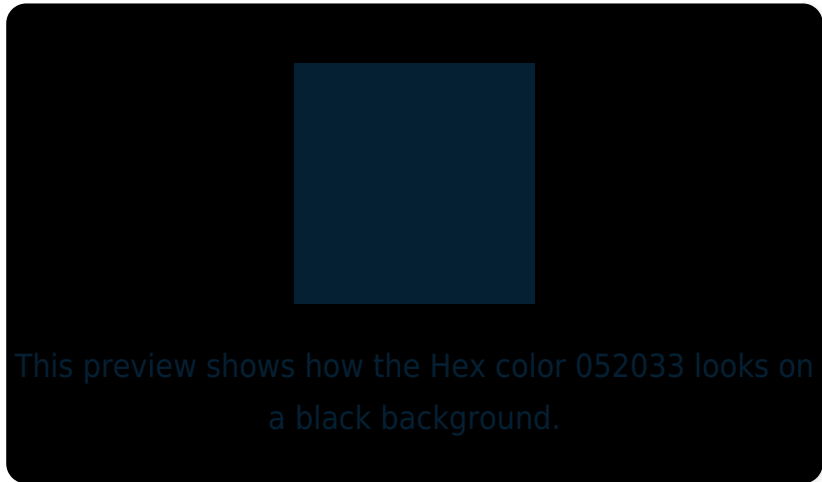
Large Text (above 18pt) WCAG AA ✓ Pass

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

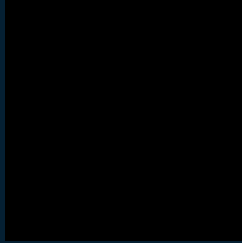
Any Text WCAG AA × Fail

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 052033 Background



This preview shows how black text looks on a background with the Hex color 052033.



This preview shows how white text looks on a background with the Hex color 052033.

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
052033

Protanopia
171E31

Deuteranopia
111F33

Trichromacy



Original Color
052033

Protanomaly
101F32

Deuteranomaly
0D1F33

Tritanomaly
02212A

Monochromacy



Original Color
052033

Achromatopsia
1A1A1A

Achromatomaly
121C23

CSS Examples

Text

The CSS property to change the color of the text to Hex 052033 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 #052033 looks like.

```
.text, #text, p{  
    color:#052033  
}
```

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 #052033 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #052033
}
```

Border

The CSS property to change the border of an element to Hex 052033 is called "border". The border property can be set on classes, ids or directly on the HTML element.

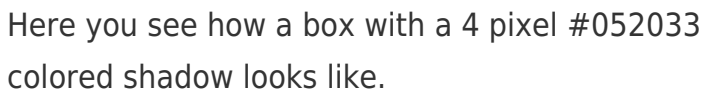
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#052033 }
```

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

```
.border{ border-color:#052033 }
```

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



Here you see how a box with a 4 pixel #052033 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #052033; -webkit-box-shadow:4px 4px  
4px 4px #052033; box-shadow:4px 4px 4px  
4px #052033 }
```

Background

The CSS property to change the background color of an element to Hex 052033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#052033 }
```

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

```
.background{ background-color:#052033 }
```

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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