

# Converting Colors

Hex(052841)

Have a look what the booklet for  
Hex(052841) contains.

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# Color

**Hex(052841)**

# Conversions

## Conversions Part 1

Format	Color
Hex	052841
RGB	5, 40, 65
RGB Percent	2%, 16%, 25%
CMY	0.9804, 0.8431, 0.7451
CMYK	0.92, 0.38, 0.00, 0.75
HSL	205°, 86%, 14%
HSV	205°, 92%, 25%
XYZ	1.7755, 1.9315, 5.2803
YIQ	32.3850, -28.8850, 0.3550

# Conversions

## Conversions Part 2

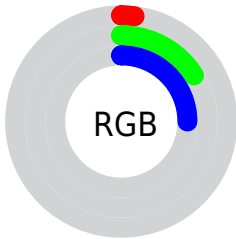
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">5, 27, 65</a>
Decimal	<a href="#">337985</a>
CIELab	<a href="#">15.12, -1.49, -19.27</a>
CIELCh	<a href="#">15, 19.330, 265.592</a>
Yxy	<a href="#">1.9315, 0.1976, 0.2149</a>
Android (android.graphics.Color)	<a href="#">4278528065 (0xFF052841)</a>
YUV	<a href="#">32.3850, 16.0792, -24.0166</a>
Hunter-Lab	<a href="#">13.8979, -1.5170, -12.7978</a>

# Details

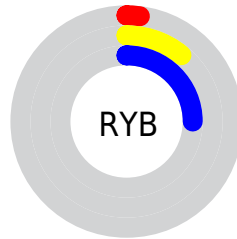
The Hex color **052841** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **411E05**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **3A5571**, and **000116** is the 20% darker color. If you saturate the color by 10%, you get **002641**, and if you desaturate by 10%, it is **0C2B41**.

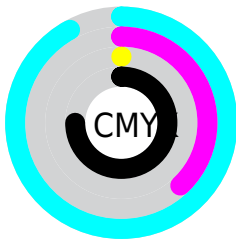
# Distribution



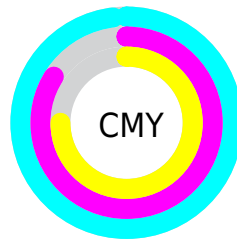
- Red (2%)
- Green (16%)
- Blue (25%)



- Red (2%)
- Yellow (11%)
- Blue (25%)



- Cyan (92%)
- Magenta (38%)
- Yellow (0%)
- Black (75%)



- Cyan (98%)
- Magenta (84%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 052841 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 052841 by changing the saturation by 10% instead.



052841

052841

F6FFFF

00132B

3A5571

000116

536D8B

000000

6D86A5

87A0C0

A1BBDC

BDD7F9

D9F3FF

052841

052841

■ 002641

■ 0C2B41

■ 122D41

■ 183041

■ 1F3341

■ 253641

■ 2C3841

■ 333B41

■ 393E41

■ 3F4041

# Harmonies

## Analogous

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



002B3C



052841



24233F

# Triad

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



052841



3F1B1B



112B16

# Complementary

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



052841



411E05

# 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.



22290B



052841



3A1F0F

# Square

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



052841



3E1A29



302407



002D23

# Rectangle

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



052841



302039



302407



182B12



# Sweetspot

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



052841



3D4A54



05411E



1D252B



ABABAB



2B2B2B



# Same Dimension

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



052841



003154



050A41



1E2021



003961



0083E0



# Inverse Universe

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



410528



540031



413C05



211E20



610039



E00083



# Previews

## White Background



This preview shows how the Hex color 052841 looks on a white background.

## Color Contrast Check

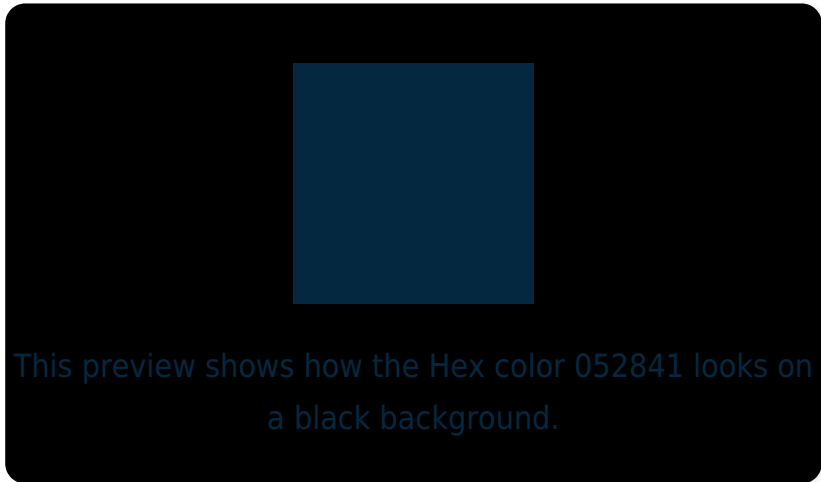
Large Text (above 18pt) WCAG AA ✓ Pass

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

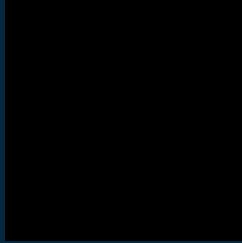
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 052841 Background



This preview shows how black text looks on a background with the Hex color 052841.



This preview shows how white text looks on a background with the Hex color 052841.

# 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**  
052841

**Protanopia**  
1C263F

**Deuteranopia**  
132741



**Tritanopia**  
002B2E

# Trichromacy



**Original Color**  
052841

**Protanomaly**  
142740

**Deuteranomaly**  
0E2741

**Tritanomaly**  
022A35

# Monochromacy



**Original Color**  
052841

**Achromatopsia**  
202020

**Achromatomaly**  
16232C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 052841 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 #052841 looks like.

```
.text, #text, p{  
    color:#052841  
}
```

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 #052841 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #052841
}
```

## Border

The CSS property to change the border of an element to Hex 052841 is called "border". The border property can be set on classes, ids or directly on the HTML element.

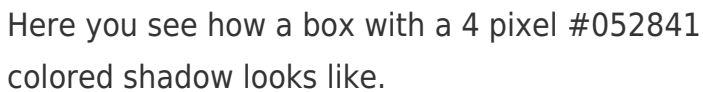
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#052841 }
```

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

```
.border{ border-color:#052841 }
```

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



Here you see how a box with a 4 pixel #052841 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #052841; -webkit-box-shadow:4px 4px  
4px 4px #052841; box-shadow:4px 4px 4px  
4px #052841 }
```

# Background

The CSS property to change the background color of an element to Hex 052841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#052841 }
```

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

```
.background{ background-color:#052841 }
```

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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