

# Converting Colors

Hex(052B22)

Have a look what the booklet for  
Hex(052B22) contains.

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# Color

**Hex(052B22)**

# Conversions

## Conversions Part 1

Format	Color
Hex	052B22
RGB	5, 43, 34
RGB Percent	2%, 17%, 13%
CMY	0.9804, 0.8314, 0.8667
CMYK	0.88, 0.00, 0.21, 0.83
HSL	166°, 79%, 9%
HSV	166°, 88%, 17%
XYZ	1.2152, 1.8755, 1.8113
YIQ	30.6120, -19.7590, -10.8550

# Conversions

## Conversions Part 2

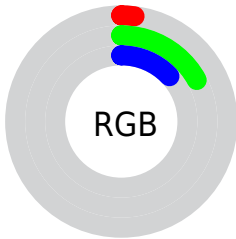
<b>Format</b>	<b>Color</b>
<b>RYB</b>	5, 27, 43
Decimal	338722
CIELab	14.82, -15.93, 2.08
CIElCh	15, 16.064, 172.552
Yxy	1.8755, 0.2479, 0.3826
Android (android.graphics.Color)	4278528802 (0xFF052B22)
YUV	30.6120, 1.6703, -22.4617
Hunter-Lab	13.6949, -8.1272, 1.7446

# Details

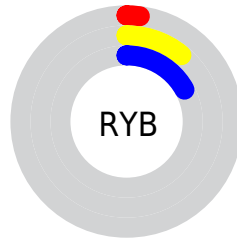
The Hex color **052B22** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2B050E**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **34594E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **012B21**, and if you desaturate by 10%, it is **092B23**.

# Distribution



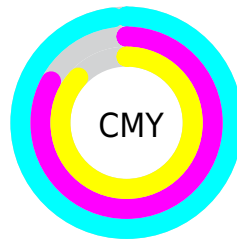
- Red (2%)
- Green (17%)
- Blue (13%)



- Red (2%)
- Yellow (11%)
- Blue (17%)



- Cyan (88%)
- Magenta (0%)
- Yellow (21%)
- Black (83%)



- Cyan (98%)
- Magenta (83%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 052B22 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 052B22 by changing the saturation by 10% instead.



 052B22

 052B22

 ECFFFF

 00180C

 34594E

 000000

 4C7166

 658B7F

 7EA599

 99C1B4

 B4DDCF

 D0F9EC

 052B22

 052B22

■ 012B21

■ 092B23

■ 002B21

■ 0E2B24

■ 122B25

■ 162B26

■ 1A2B27

■ 1F2B28

■ 232B29

■ 272B2A

■ 2C2B2B

# Harmonies

## Analogous

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



172A17



052B22



002B2E

# Triad

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



052B22



22233A



372014

# Complementary

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



052B22



2B050E

# 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.



3B1D1D



052B22



311F33

# Square

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



052B22



0D273C



391C29



2F240E

# Rectangle

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



052B22



002A34



391C29



391E17



# Sweetspot

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



052B22



293835



0E2B05



131C1A



9C9C9C



1C1C1C



# Same Dimension

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



052B22



00382B



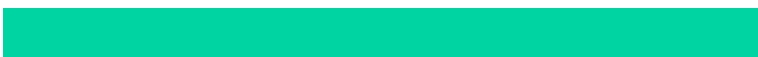
05222B



121414



005440



00D4A2



# Inverse Universe

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



2B050E



38000D



2B0E05



141213



540014

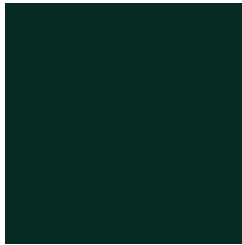


D40032



# Previews

## White Background



This preview shows how the Hex color 052B22 looks on a white background.

## Color Contrast Check

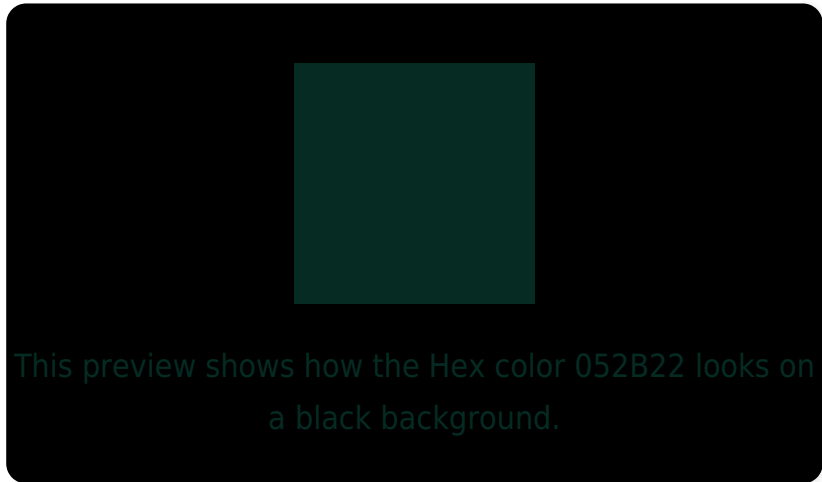
Large Text (above 18pt) WCAG AA ✓ Pass

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

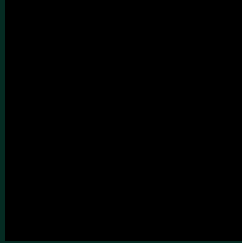
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 052B22 Background



This preview shows how black text looks on a background with the Hex color 052B22.



This preview shows how white text looks on a background with the Hex color 052B22.

# 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**  
052B22

**Protanopia**  
28261F

**Deuteranopia**  
2A2423



# Trichromacy



**Original Color**  
052B22

**Protanomaly**  
1B2820

**Deuteranomaly**  
1D2723

**Tritanomaly**  
0B2A29

# Monochromacy



**Original Color**  
052B22

**Achromatopsia**  
1F1F1F

**Achromatomaly**  
162320

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 052B22 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 #052B22 looks like.

```
.text, #text, p{  
    color:#052B22  
}
```

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 #052B22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #052B22
}
```

## Border

The CSS property to change the border of an element to Hex 052B22 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".

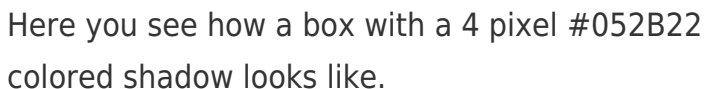
```
.border, #border, table{ border:4px solid
#052B22 }
```

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

```
.border{ border-color:#052B22 }
```

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

Here you see how a box with a 4 pixel #052B22 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #052B22; -webkit-box-shadow:4px 4px  
4px 4px #052B22; box-shadow:4px 4px 4px  
4px #052B22 }
```

# Background

The CSS property to change the background color of an element to Hex 052B22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#052B22 }
```

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

```
.background{ background-color:#052B22 }
```

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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