

# Converting Colors

Hex(055D2A)

Have a look what the booklet for  
Hex(055D2A) contains.

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# Color

**Hex(055D2A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	055D2A
RGB	5, 93, 42
RGB Percent	2%, 36%, 16%
CMY	0.9804, 0.6353, 0.8353
CMYK	0.95, 0.00, 0.55, 0.64
HSL	145°, 90%, 19%
HSV	145°, 95%, 36%
XYZ	4.3949, 8.0281, 3.5084
YIQ	60.8740, -36.0770, -34.5170

# Conversions

## Conversions Part 2

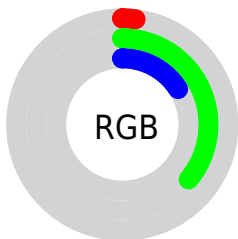
<b>Format</b>	<b>Color</b>
<b>RYB</b>	5, 67, 93
Decimal	351530
CIELab	34.04, -36.23, 22.64
CIELCh	34, 42.723, 148.007
Yxy	8.0281, 0.2759, 0.5039
Android (android.graphics.Color)	4278541610 (0xFF055D2A)
YUV	60.8740, -9.3049, -49.0015
Hunter-Lab	28.3340, -21.8975, 12.4922

# Details

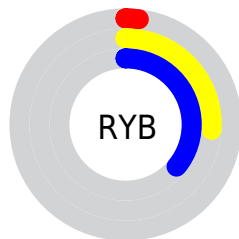
The Hex color **055D2A** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **5D0538**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **459059**, and **002E00** is the 20% darker color. If you saturate the color by 10%, you get **005D27**, and if you desaturate by 10%, it is **0E5D2F**.

# Distribution



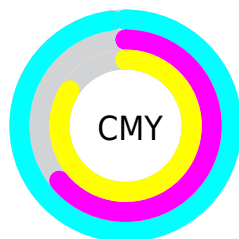
- Red (2%)
- Green (36%)
- Blue (16%)



- Red (2%)
- Yellow (26%)
- Blue (36%)



- Cyan (95%)
- Magenta (0%)
- Yellow (55%)
- Black (64%)



- Cyan (98%)
- Magenta (64%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 055D2A 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 055D2A by changing the saturation by 10% instead.



 055D2A

 055D2A

FFFFFF

 004514

 459059

 002E00

 60AB71

 001700

 7BC78B

 000000

 96E3A6

 B2FFC1

 CEFFDD

 EBFFFA

 055D2A

 055D2A

■ 005D27

■ 0E5D2F

■ 185D35

■ 215D3A

■ 2A5D40

■ 335D45

■ 3D5D4A

■ 465D50

■ 4F5D55

■ 595D5B

# Harmonies

## Analogous

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



41570B



055D2A



00604D

# Triad

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



055D2A



005594



8B3232

# Complementary

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



055D2A



5D0538

# 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.



8A2E54



055D2A



4B488C

# Square

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



055D2A



005C89



773874



7C4015

# Rectangle

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



055D2A



006064



773874



8D2F3D



# Sweetspot

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



055D2A



567864



385D05



283D31



BDBDBD



3D3D3D



# Same Dimension

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



055D2A



007832



055D56



292E2B



006E2E



00ED64



# Inverse Universe

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



5D0538



780045



5D050C



2E292C



6E0040

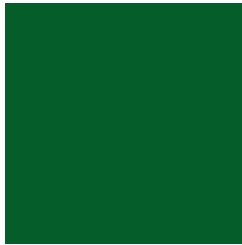


ED0089



# Previews

## White Background



This preview shows how the Hex color 055D2A looks on a white background.

## Color Contrast Check

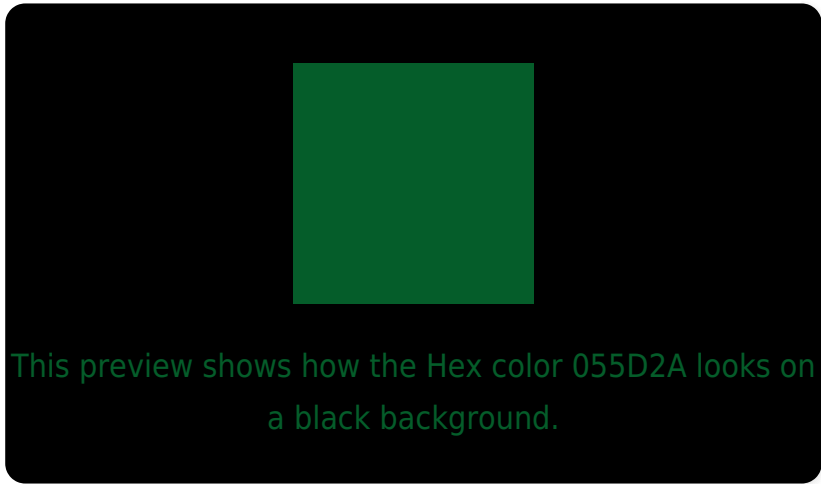
Large Text (above 18pt) WCAG AA ✓ Pass

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

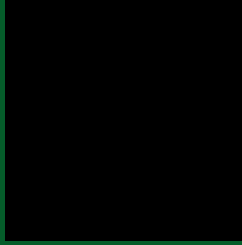
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 055D2A Background



This preview shows how black text looks on a background with the Hex color 055D2A.



This preview shows how white text looks on a background with the Hex color 055D2A.

# 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](#).

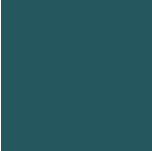
## Dichromacy



**Original Color**  
055D2A

**Protanopia**  
595026

**Deuteranopia**  
614C2E



**Tritanopia**  
25575F

# Trichromacy



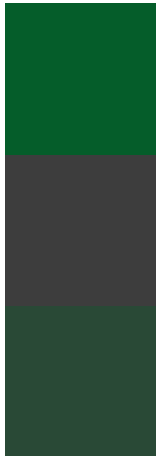
**Original Color**  
055D2A

**Protanomaly**  
3A5527

**Deuteranomaly**  
40522D

**Tritanomaly**  
19594C

# Monochromacy



**Original Color**  
055D2A

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
294936

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 055D2A 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 #055D2A looks like.

```
.text, #text, p{  
    color:#055D2A  
}
```

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 #055D2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #055D2A
}
```

## Border

The CSS property to change the border of an element to Hex 055D2A 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".

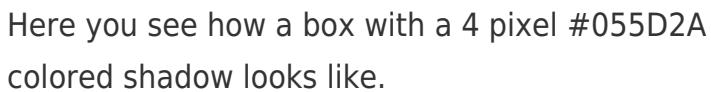
```
.border, #border, table{ border:4px solid
#055D2A }
```

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

```
.border{ border-color:#055D2A }
```

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

Here you see how a box with a 4 pixel #055D2A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #055D2A; -webkit-box-shadow:4px 4px  
4px 4px #055D2A; box-shadow:4px 4px 4px  
4px #055D2A }
```

# Background

The CSS property to change the background color of an element to Hex 055D2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#055D2A }
```

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

```
.background{ background-color:#055D2A }
```

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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