

Converting Colors

Hex(055236)

Have a look what the booklet for
Hex(055236) contains.

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Color

Hex(055236)

Conversions

Conversions Part 1

Format	Color
Hex	055236
RGB	5, 82, 54
RGB Percent	2%, 32%, 21%
CMY	0.9804, 0.6784, 0.7882
CMYK	0.94, 0.00, 0.34, 0.68
HSL	158°, 89%, 17%
HSV	158°, 94%, 32%
XYZ	3.7457, 6.3332, 4.5150
YIQ	55.7850, -36.9040, -25.0320

Conversions

Conversions Part 2

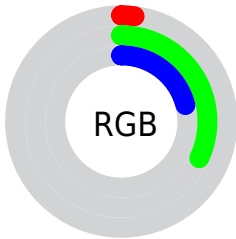
Format	Color
R_YB	5, 52, 82
Decimal	348726
CIE Lab	30.24, -29.15, 10.50
CIE LCh	30, 30.982, 160.198
Yxy	6.3332, 0.2567, 0.4340
Android (android.graphics.Color)	4278538806 (0xFF055236)
YUV	55.7850, -0.8800, -44.5384
Hunter-Lab	25.1658, -17.4719, 6.9788




Details

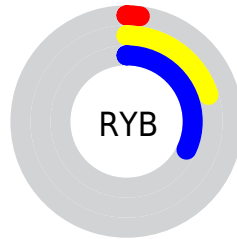
The Hex color **055236** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **520521**, and the grayscale version is **383838**.




A 20% lighter version of the original color is **418465**, and **00250A** is the 20% darker color. If you saturate the color by 10%, you get **005234**, and if you desaturate by 10%, it is **0D5239**.

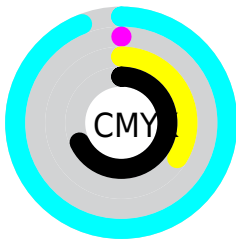
Distribution







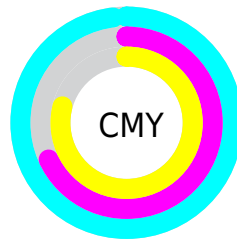
-  Red (2%)
-  Green (32%)
-  Blue (21%)






-  Red (2%)
-  Yellow (20%)
-  Blue (32%)



-  Cyan (94%)
-  Magenta (0%)
-  Yellow (34%)
-  Black (68%)



-  Cyan (98%)
-  Magenta (68%)
-  Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 055236 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 055236 by changing the saturation by 10% instead.

 055236

 055236

FFFFFF

 003A21

 418465

 00250A

 5B9F7E

 000200

 76BA98

 000000

 90D6B3

 ACF2CE

 C8FFEA

 E5FFFF

 055236

 055236

■ 005234

■ 0D5239

■ 15523C

■ 1E523F

■ 265242

■ 2E5245

■ 365248

■ 3E524B

■ 47524E

■ 4F5251

Harmonies

Analogous

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



334F21



055236



00534F

Triad

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



055236



2A4777



703729

Complementary

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



055236



520521

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.



743240



055236



533D6C

Square

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



055236



004E74



6B3558



624019

Rectangle

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



055236



00535F



6B3558



723530

Sweetspot

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



055236



4D6B60



215205



23362F



B5B5B5



363636

Same Dimension

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



055236



006B44



054852



252927



006943



00E894

Inverse Universe

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



520521



6B0027



520F05



292526



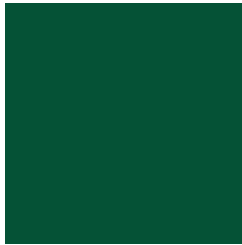
690026



E80054

Previews

White Background



This preview shows how the Hex color 055236 looks on a white background.

Color Contrast Check

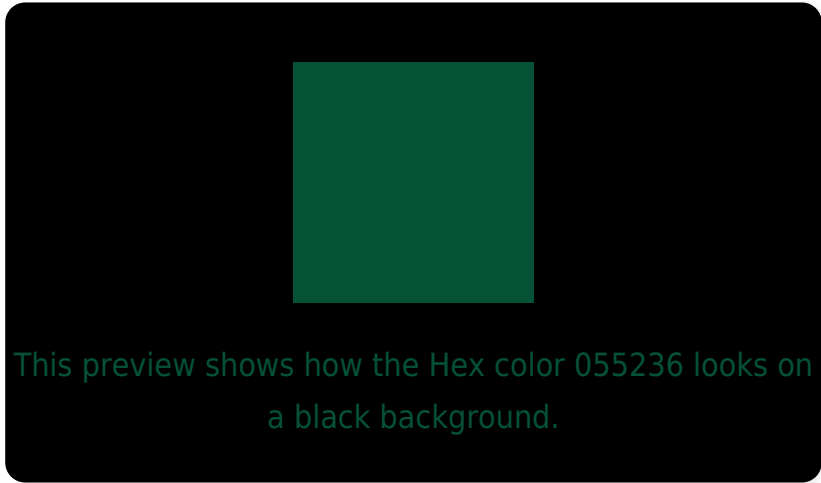
Large Text (above 18pt) WCAG AA ✓ Pass

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

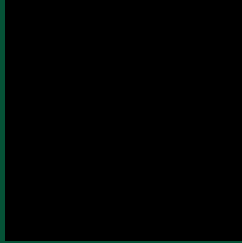
Any Text WCAG AA × Fail

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 055236 Background



This preview shows how black text looks on a background with the Hex color 055236.



This preview shows how white text looks on a background with the Hex color 055236.

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
055236

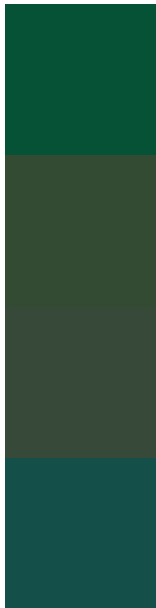
Protanopia
4D4731

Deuteranopia
534439



Tritanopia
1D4E55

Trichromacy



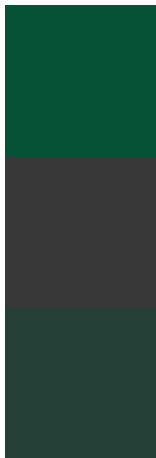
Original Color
05236

Protanomaly
334B33

Deuteranomaly
374938

Tritanomaly
144F4A

Monochromacy



Original Color
05236

Achromatopsia
383838

Achromatomaly
254137

CSS Examples

Text

The CSS property to change the color of the text to Hex 055236 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 #055236 looks like.

```
.text, #text, p{  
    color:#055236  
}
```

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 #055236 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #055236
}
```

Border

The CSS property to change the border of an element to Hex 055236 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
#055236 }
```

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

```
.border{ border-color:#055236 }
```

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

Here you see how a box with a 4 pixel #055236 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #055236; -webkit-box-shadow:4px 4px  
4px 4px #055236; box-shadow:4px 4px 4px  
4px #055236 }
```

Background

The CSS property to change the background color of an element to Hex 055236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#055236 }
```

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

```
.background{ background-color:#055236 }
```

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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