

Converting Colors

Hex(044537)

Have a look what the booklet for
Hex(044537) contains.

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Color

Hex(044537)

Conversions

Conversions Part 1

Format	Color
Hex	044537
RGB	4, 69, 55
RGB Percent	2%, 27%, 22%
CMY	0.9843, 0.7294, 0.7843
CMYK	0.94, 0.00, 0.20, 0.73
HSL	167°, 89%, 14%
HSV	167°, 94%, 27%
XYZ	2.8678, 4.5579, 4.3430
YIQ	47.9690, -34.2460, -18.1340

Conversions

Conversions Part 2

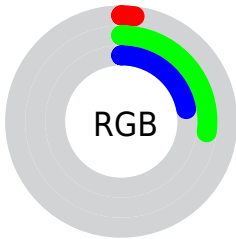
Format	Color
R_{YB}	4, 40, 69
Decimal	279863
CIE _{Lab}	25.44, -22.95, 3.11
CIE _{LCh}	25, 23.155, 172.289
Yxy	4.5579, 0.2437, 0.3873
Android (android.graphics.Color)	4278469943 (0xFF044537)
YUV	47.9690, 3.4663, -38.5608
Hunter-Lab	21.3492, -13.3837, 2.8832

Details

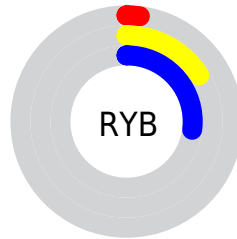
The Hex color **044537** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **450412**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **3D7666**, and **001C0B** is the 20% darker color. If you saturate the color by 10%, you get **004536**, and if you desaturate by 10%, it is **0B4538**.

Distribution



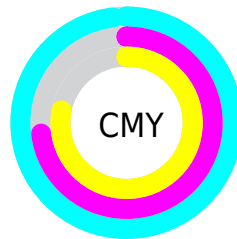
- Red (2%)
- Green (27%)
- Blue (22%)



- Red (2%)
- Yellow (16%)
- Blue (27%)



- Cyan (94%)
- Magenta (0%)
- Yellow (20%)
- Black (73%)



- Cyan (98%)
- Magenta (73%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 044537 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 044537 by changing the saturation by 10% instead.

 044537

 044537

 FBFFFF

 002E22

 3D7666

 001C0B

 56907F

 000000

 70AA99

 8BC6B3

 A6E2CF

 C2FFEB

 DEFFFF

 044537

 044537

■ 004536

■ 0B4538

■ 12453A

■ 19453B

■ 20453D

■ 27453E

■ 2D4540

■ 344541

■ 3B4543

■ 424544

Harmonies

Analogous

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



254326



044537



004549

Triad

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



044537



37395D



573321

Complementary

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



044537



450412

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.



5D2F30



044537



4E3352

Square

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



044537



123F5F



5B2E42



4B3A19

Rectangle

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



044537



004453



5B2E42



5A3126

Sweetspot

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



044537



405954



124504



1E2E2B



ADADAD



2E2E2E

Same Dimension

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



044537



005946



043345



202423



00634E



00E3B2

Inverse Universe

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



450412



590013



451604



242021



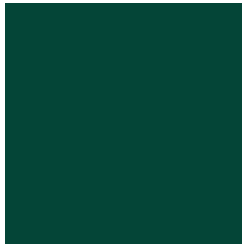
630015



E30031

Previews

White Background



This preview shows how the Hex color 044537 looks on a white background.

Color Contrast Check

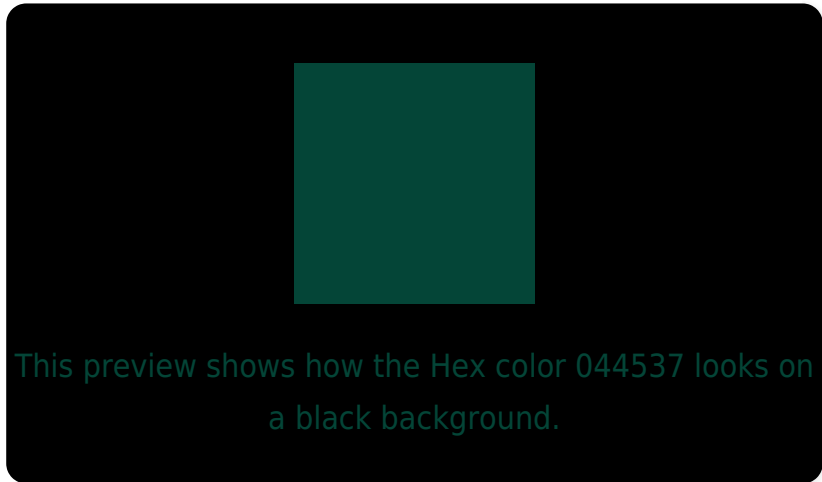
Large Text (above 18pt) WCAG AA ✓ Pass

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 044537 Background



This preview shows how black text looks on a background with the Hex color 044537.



This preview shows how white text looks on a background with the Hex color 044537.

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](#).

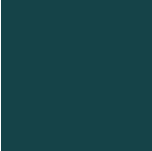
Dichromacy



Original Color
044537

Protanopia
403C33

Deuteranopia
443A39



Tritanopia
154348

Trichromacy



Original Color
044537

Protanomaly
2A3F34

Deuteranomaly
2D3E38

Tritanomaly
0F4442

Monochromacy



Original Color
044537

Achromatopsia
303030

Achromatomaly
203833

CSS Examples

Text

The CSS property to change the color of the text to Hex 044537 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 #044537 looks like.

```
.text, #text, p{  
    color:#044537  
}
```

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 #044537 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #044537
}
```

Border

The CSS property to change the border of an element to Hex 044537 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
#044537 }
```

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

```
.border{ border-color:#044537 }
```

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

Here you see how a box with a 4 pixel #044537 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #044537; -webkit-box-shadow:4px 4px  
4px 4px #044537; box-shadow:4px 4px 4px  
4px #044537 }
```

Background

The CSS property to change the background color of an element to Hex 044537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#044537 }
```

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

```
.background{ background-color:#044537 }
```

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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