

Converting Colors

Hex(044037)

Have a look what the booklet for
Hex(044037) contains.

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Color

Hex(044037)

Conversions

Conversions Part 1

Format	Color
Hex	044037
RGB	4, 64, 55
RGB Percent	2%, 25%, 22%
CMY	0.9843, 0.7490, 0.7843
CMYK	0.94, 0.00, 0.14, 0.75
HSL	171°, 88%, 13%
HSV	171°, 94%, 25%
XYZ	2.5731, 3.9684, 4.2448
YIQ	45.0340, -32.8710, -15.5190

Conversions

Conversions Part 2

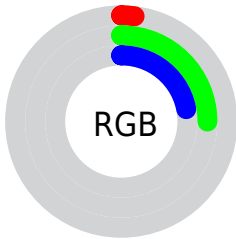
Format	Color
RYB	4, 36, 64
Decimal	278583
CIELab	23.57, -20.41, 0.40
CIELCh	24, 20.419, 178.869
Yxy	3.9684, 0.2385, 0.3679
Android (android.graphics.Color)	4278468663 (0xFF044037)
YUV	45.0340, 4.9132, -35.9868
Hunter-Lab	19.9209, -11.8060, 1.3110

Details

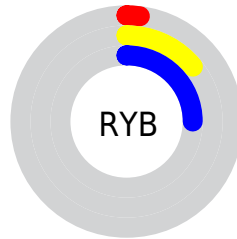
The Hex color **044037** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **40040D**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **3C7066**, and **00150B** is the 20% darker color. If you saturate the color by 10%, you get **004036**, and if you desaturate by 10%, it is **0A4038**.

Distribution



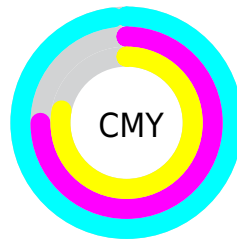
- Red (2%)
- Green (25%)
- Blue (22%)



- Red (2%)
- Yellow (14%)
- Blue (25%)



- Cyan (94%)
- Magenta (0%)
- Yellow (14%)
- Black (75%)



- Cyan (98%)
- Magenta (75%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 044037 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 044037 by changing the saturation by 10% instead.

 044037

 044037

 F9FFFF

 002A22

 3C7066

 00150B

 558A7F

 000000

 6EA499

 89BFB3

 A4DBC F

 BFF8EB

 DCFFFF

 044037

 044037

■ 004036

■ 0A4038

■ 114039

■ 17403A

■ 1E403B

■ 24403C

■ 2A403D

■ 31403E

■ 37403F

■ 3E4040

Harmonies

Analogous

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



203F28



044037



004046

Triad

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



044037



393453



4E321E

Complementary

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



044037



40040D

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.



552D2A



044037



4B2F48

Square

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



044037



1E3A56



542C39



423719

Rectangle

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



044037



003F4F



542C39



513022

Sweetspot

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



044037



3D5451



0D4004



1D2B29



ABABAB



2B2B2B

Same Dimension

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



044037



005448



042B40



1E2121



006152



00E0BF

Inverse Universe

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



40040D



54000D



401904



211E1E



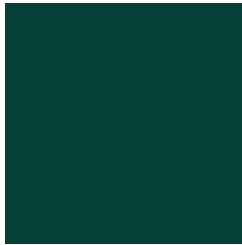
61000F



E00022

Previews

White Background



This preview shows how the Hex color 044037 looks on a white background.

Color Contrast Check

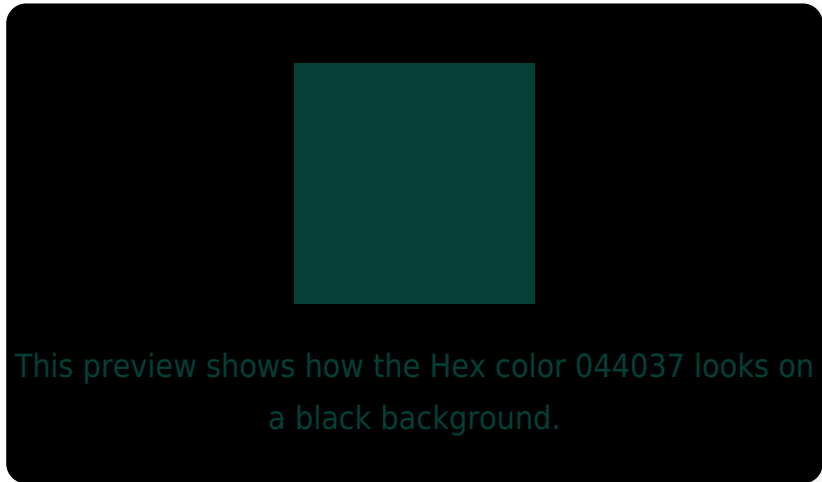
Large Text (above 18pt) WCAG AA ✓ Pass

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

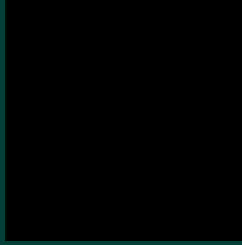
Any Text WCAG AA × Fail

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 044037 Background



This preview shows how black text looks on a background with the Hex color 044037.



This preview shows how white text looks on a background with the Hex color 044037.

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](#).

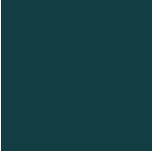
Dichromacy



Original Color
044037

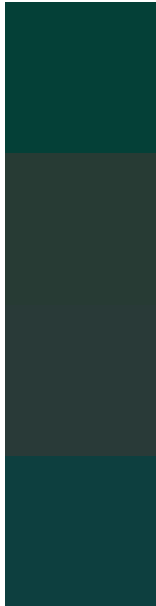
Protanopia
3B3833

Deuteranopia
3E3739



Tritanopia
123E43

Trichromacy



Original Color
044037

Protanomaly
273B34

Deuteranomaly
293A38

Tritanomaly
0D3F3F

Monochromacy



Original Color
044037

Achromatopsia
2D2D2D

Achromatomaly
1E3431

CSS Examples

Text

The CSS property to change the color of the text to Hex 044037 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 #044037 looks like.

```
.text, #text, p{  
    color:#044037  
}
```

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 #044037 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #044037
}
```

Border

The CSS property to change the border of an element to Hex 044037 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
#044037 }
```

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

```
.border{ border-color:#044037 }
```

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

Here you see how a box with a 4 pixel #044037 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #044037; -webkit-box-shadow:4px 4px  
4px 4px #044037; box-shadow:4px 4px 4px  
4px #044037 }
```

Background

The CSS property to change the background color of an element to Hex 044037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#044037 }
```

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

```
.background{ background-color:#044037 }
```

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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