

# Converting Colors

Hex(054D4B)

Have a look what the booklet for  
Hex(054D4B) contains.

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# Color

**Hex(054D4B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	054D4B
RGB	5, 77, 75
RGB Percent	2%, 30%, 29%
CMY	0.9804, 0.6980, 0.7059
CMYK	0.94, 0.00, 0.03, 0.70
HSL	178°, 88%, 16%
HSV	178°, 94%, 30%
XYZ	3.9865, 5.8480, 7.5753
YIQ	55.2440, -42.2700, -15.8860

# Conversions

## Conversions Part 2

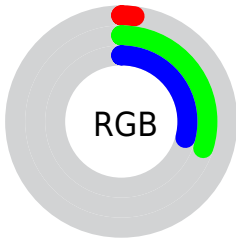
<b>Format</b>	<b>Color</b>
<b>RYB</b>	5, 42, 77
Decimal	347467
CIELab	29.03, -20.36, -4.63
CIELCh	29, 20.874, 192.807
Yxy	5.8480, 0.2290, 0.3359
Android (android.graphics.Color)	4278537547 (0xFF054D4B)
YUV	55.2440, 9.7397, -44.0640
Hunter-Lab	24.1827, -12.8943, -1.6449

# Details

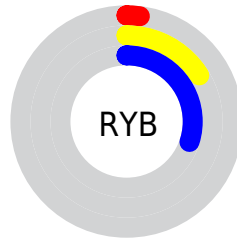
The Hex color **054D4B** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **4D0507**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **427E7C**, and **00211F** is the 20% darker color. If you saturate the color by 10%, you get **004D4B**, and if you desaturate by 10%, it is **0D4D4B**.

# Distribution



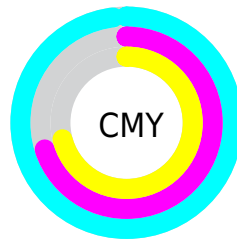
- Red (2%)
- Green (30%)
- Blue (29%)



- Red (2%)
- Yellow (16%)
- Blue (30%)



- Cyan (94%)
- Magenta (0%)
- Yellow (3%)
- Black (70%)



- Cyan (98%)
- Magenta (70%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 054D4B 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 054D4B by changing the saturation by 10% instead.



 054D4B

 054D4B

FFFFFF

 003634

 427E7C

 00211F

 5C9895

 000007

 76B3B0

 000000

 91CFCC

 ADEBE8

 C9FFFF

 E5FFFF

 054D4B

 054D4B

■ 004D4B

■ 0D4D4B

■ 144D4B

■ 1C4D4C

■ 244D4C

■ 2B4D4C

■ 334D4C

■ 3B4D4C

■ 434D4D

■ 4A4D4D

# Harmonies

## Analogous

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



214C3A



054D4B



004C5A

# Triad

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



054D4B



4F3E5C



574026

# Complementary

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



054D4B



4D0507

# 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.



613B2F



054D4B



5E394E

# Square

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



054D4B



384464



64383E



484624

# Rectangle

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



054D4B



0E4A61



64383E



5B3E28



# Sweetspot

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



054D4B



486363



074D05



223333



B3B3B3



333333



# Same Dimension

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



054D4B



006361



052B4D



222626



006663



00E6DF



# Inverse Universe

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



4D0507



630003



4D2705



262223



660003



E60006



# Previews

## White Background



This preview shows how the Hex color 054D4B looks on a white background.

## Color Contrast Check

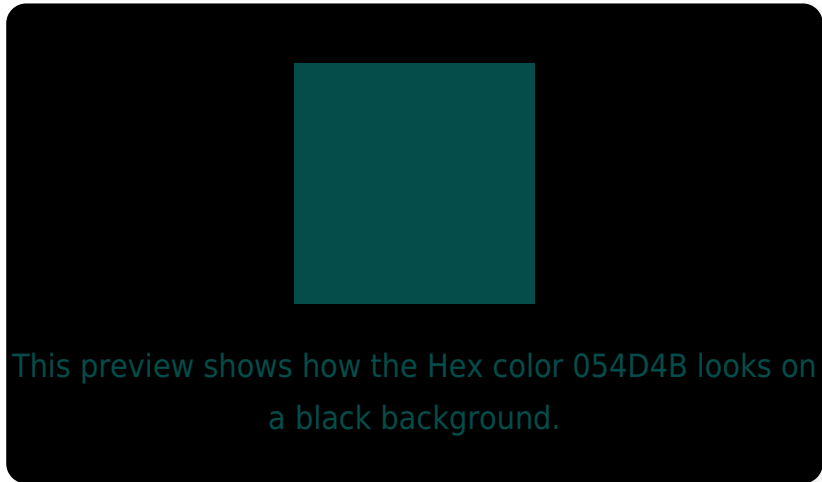
Large Text (above 18pt) WCAG AA ✓ Pass

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

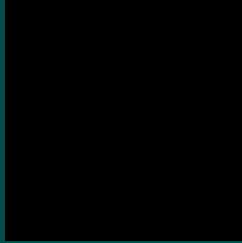
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 054D4B Background



This preview shows how black text looks on a background with the Hex color 054D4B.



This preview shows how white text looks on a background with the Hex color 054D4B.

# 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



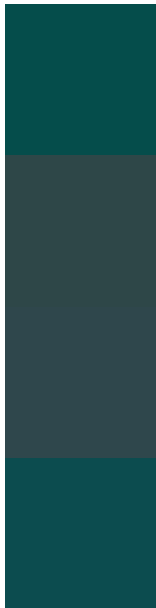
**Original Color**  
054D4B

**Protanopia**  
454446

**Deuteranopia**  
47434D



# Trichromacy



**Original Color**  
054D4B

**Protanomaly**  
2E4748

**Deuteranomaly**  
2F474C

**Tritanomaly**  
0C4C4F

# Monochromacy



**Original Color**  
054D4B

**Achromatopsia**  
373737

**Achromatomaly**  
253F3E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 054D4B 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 #054D4B looks like.

```
.text, #text, p{  
    color:#054D4B  
}
```

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 #054D4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #054D4B
}
```

## Border

The CSS property to change the border of an element to Hex 054D4B 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
#054D4B }
```

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

```
.border{ border-color:#054D4B }
```

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

Here you see how a box with a 4 pixel #054D4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #054D4B; -webkit-box-shadow:4px 4px  
4px 4px #054D4B; box-shadow:4px 4px 4px  
4px #054D4B }
```

# Background

The CSS property to change the background color of an element to Hex 054D4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#054D4B }
```

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

```
.background{ background-color:#054D4B }
```

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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