

# Converting Colors

Hex(054F45)

Have a look what the booklet for  
Hex(054F45) contains.

<b>Hex(054F45)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	21
<i><b>Color Blindness Simulation</b></i> .....	24
<i><b>CSS Examples</b></i> .....	27

# Color

**Hex(054F45)**

# Conversions

## Conversions Part 1

Format	Color
Hex	054F45
RGB	5, 79, 69
RGB Percent	2%, 31%, 27%
CMY	0.9804, 0.6902, 0.7294
CMYK	0.94, 0.00, 0.13, 0.69
HSL	172°, 88%, 16%
HSV	172°, 94%, 31%
XYZ	3.9327, 6.0539, 6.5915
YIQ	55.7340, -40.8940, -18.7980

# Conversions

## Conversions Part 2

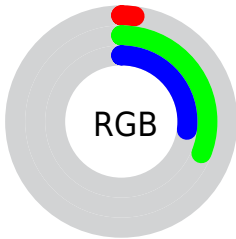
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	5, 45, 79
Decimal	347973
CIE Lab	29.55, -23.39, 0.00
CIE LCh	30, 23.390, 179.998
Yxy	6.0539, 0.2372, 0.3652
Android (android.graphics.Color)	4278538053 (0xFF054F45)
YUV	55.7340, 6.5401, -44.4937
Hunter-Lab	24.6047, -14.5272, 1.3398

# Details

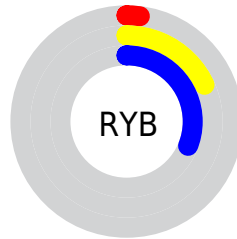
The Hex color **054F45** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **4F050F**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **418175**, and **00221A** is the 20% darker color. If you saturate the color by 10%, you get **004F44**, and if you desaturate by 10%, it is **0D4F46**.

# Distribution



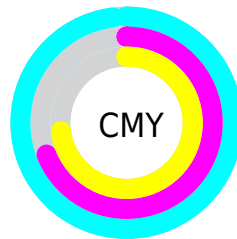
- Red (2%)
- Green (31%)
- Blue (27%)



- Red (2%)
- Yellow (18%)
- Blue (31%)



- Cyan (94%)
- Magenta (0%)
- Yellow (13%)
- Black (69%)



- Cyan (98%)
- Magenta (69%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 054F45 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 054F45 by changing the saturation by 10% instead.



054F45

054F45

FFFFFF

00382F

418175

00221A

5B9B8F

000000

76B6A9

91D2C4

ACEEE0

C8FFFD

E5FFFF

054F45

054F45

■ 004F44

■ 0D4F46

■ 154F47

■ 1D4F48

■ 254F49

■ 2D4F4A

■ 344F4B

■ 3C4F4C

■ 444F4E

■ 4C4F4F

# Harmonies

## Analogous

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



284D33



054F45



004F57

# Triad

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



054F45



474165



5F3E27

# Complementary

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



054F45



4F050F

# 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.



673934



054F45



5C3A58

# Square

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



054F45



28476A



673746



514521

# Rectangle

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



054F45



004D61



673746



633C2B



# Sweetspot

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



054F45



496662



104F05



223331



B3B3B3



333333



# Same Dimension

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



054F45



006658



05354F



222626



00E6C6

# Inverse Universe

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



4F050F



66000E



4F1F05



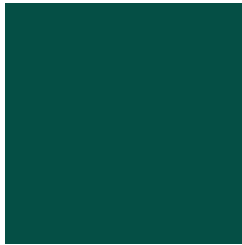
262223



E6001F

# Previews

## White Background



This preview shows how the Hex color 054F45 looks on a white background.

## Color Contrast Check

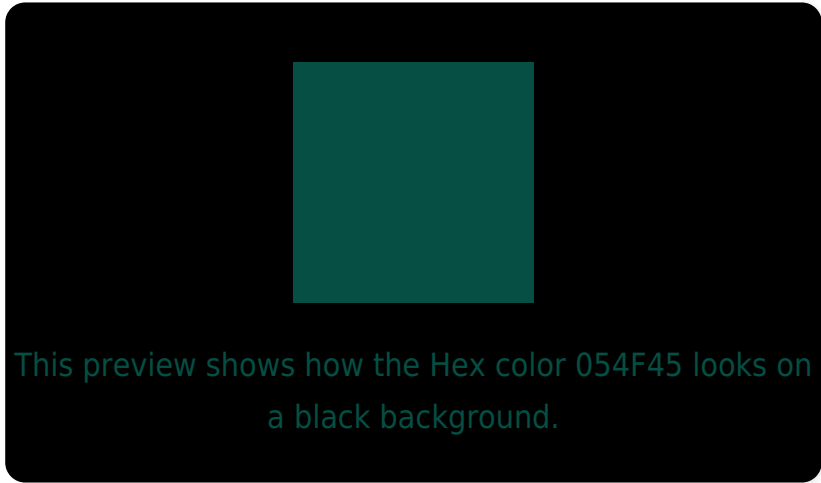
Large Text (above 18pt) WCAG AA ✓ Pass

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

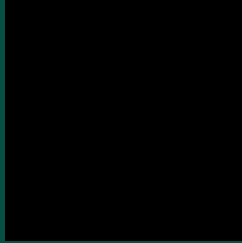
Any Text WCAG AA × Fail

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 054F45 Background



This preview shows how black text looks on a background with the Hex color 054F45.



This preview shows how white text looks on a background with the Hex color 054F45.

# 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**  
054F45

**Protanopia**  
484540

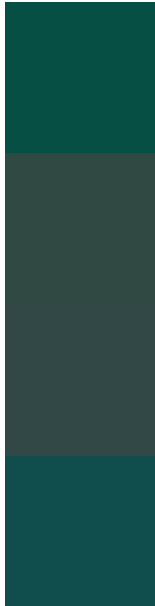
**Deuteranopia**  
4C4448





**Tritanopia**  
164D53

# Trichromacy



**Original Color**  
054F45

**Protanomaly**  
304942

**Deuteranomaly**  
324847

**Tritanomaly**  
104E4E

# Monochromacy



**Original Color**  
054F45

**Achromatopsia**  
383838

**Achromatomaly**  
25403D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 054F45 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 #054F45 looks like.

```
.text, #text, p{  
    color:#054F45  
}
```

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 #054F45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #054F45
}
```

## Border

The CSS property to change the border of an element to Hex 054F45 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
#054F45 }
```

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

```
.border{ border-color:#054F45 }
```

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

Here you see how a box with a 4 pixel #054F45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #054F45; -webkit-box-shadow:4px 4px  
4px 4px #054F45; box-shadow:4px 4px 4px  
4px #054F45 }
```

# Background

The CSS property to change the background color of an element to Hex 054F45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#054F45 }
```

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

```
.background{ background-color:#054F45 }
```

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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