

Converting Colors

Hex(045949)

Have a look what the booklet for
Hex(045949) contains.

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Color

Hex(045949)

Conversions

Conversions Part 1

Format	Color
Hex	045949
RGB	4, 89, 73
RGB Percent	2%, 35%, 29%
CMY	0.9843, 0.6510, 0.7137
CMYK	0.96, 0.00, 0.18, 0.65
HSL	169°, 91%, 18%
HSV	169°, 96%, 35%
XYZ	4.8250, 7.6516, 7.5259
YIQ	61.7610, -45.5240, -22.9960

Conversions

Conversions Part 2

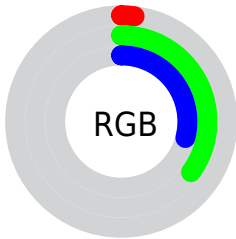
Format	Color
R_{YB}	4, 51, 89
Decimal	285001
CIE _{Lab}	33.25, -27.13, 2.83
CIE _{LCh}	33, 27.281, 174.047
Yxy	7.6516, 0.2412, 0.3825
Android (android.graphics.Color)	4278475081 (0xFF045949)
YUV	61.7610, 5.5408, -50.6564
Hunter-Lab	27.6615, -17.2717, 3.2319

Details

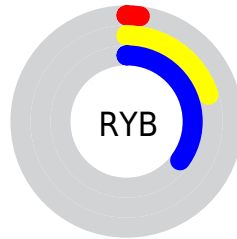
The Hex color **045949** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **590414**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **448C79**, and **002A1E** is the 20% darker color. If you saturate the color by 10%, you get **005948**, and if you desaturate by 10%, it is **0D594B**.

Distribution



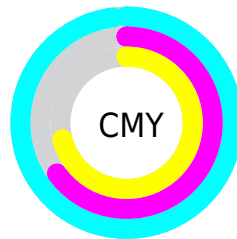
- Red (2%)
- Green (35%)
- Blue (29%)



- Red (2%)
- Yellow (20%)
- Blue (35%)



- Cyan (96%)
- Magenta (0%)
- Yellow (18%)
- Black (65%)



- Cyan (98%)
- Magenta (65%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 045949 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 045949 by changing the saturation by 10% instead.

 045949

 045949

FFFFFF

 004133

 448C79

 002A1E

 5FA693

 001404

 79C2AE

 000000

 95DEC9

 B0FAE5

 CDFFFF

 E9FFFF

 045949

 045949

■ 005948

■ 0D594B

■ 16594C

■ 1F594E

■ 285950

■ 315951

■ 395953

■ 425955

■ 4B5956

■ 545958

Harmonies

Analogous

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



305734



045949



00595F

Triad

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



045949



494A76



6F442C

Complementary

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



045949



590414

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.



773E3E



045949



654268

Square

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



045949



1E5279



743D53



5F4B22

Rectangle

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



045949



00586C



743D53



734131

Sweetspot

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



045949



51736C



155904



263B37



BABABA



3B3B3B

Same Dimension

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



045949



00735D



043F59



272B2B



006B57



00EBBE

Inverse Universe

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



590414



730016



591E04



2B2728



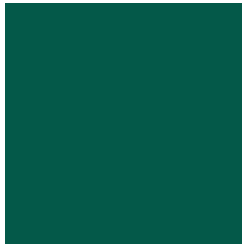
6B0014



EB002C

Previews

White Background



This preview shows how the Hex color 045949 looks on a white background.

Color Contrast Check

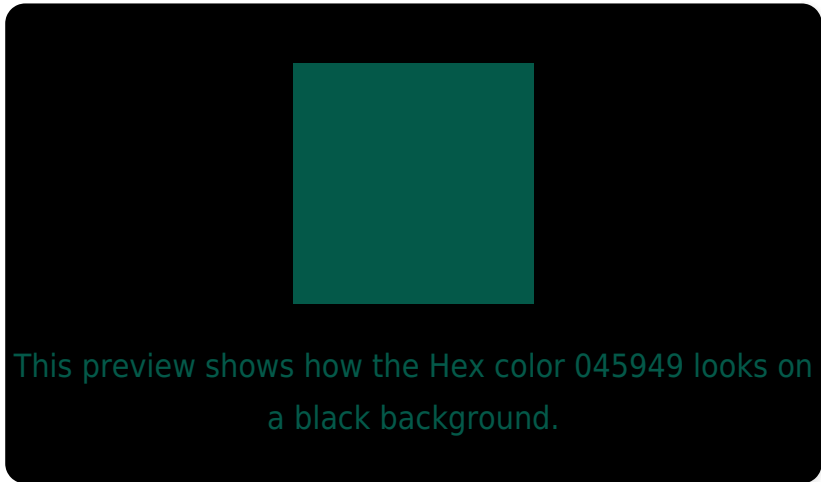
Large Text (above 18pt) WCAG AA ✓ Pass

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

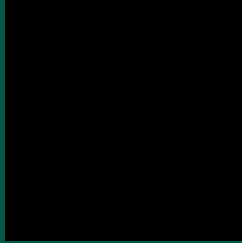
Any Text WCAG AA × Fail

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 045949 Background



This preview shows how black text looks on a background with the Hex color 045949.



This preview shows how white text looks on a background with the Hex color 045949.

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
045949

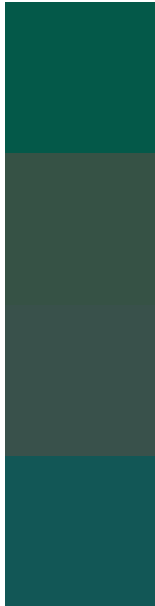
Protanopia
524E43

Deuteranopia
574C4C



Tritanopia
1A565D

Trichromacy



Original Color
045949

Protanomaly
365245

Deuteranomaly
39514B

Tritanomaly
125756

Monochromacy



Original Color
045949

Achromatopsia
3E3E3E

Achromatomaly
294842

CSS Examples

Text

The CSS property to change the color of the text to Hex 045949 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 #045949 looks like.

```
.text, #text, p{  
    color:#045949  
}
```

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 #045949 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #045949
}
```

Border

The CSS property to change the border of an element to Hex 045949 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
#045949 }
```

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

```
.border{ border-color:#045949 }
```

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

Here you see how a box with a 4 pixel #045949 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #045949; -webkit-box-shadow:4px 4px  
4px 4px #045949; box-shadow:4px 4px 4px  
4px #045949 }
```

Background

The CSS property to change the background color of an element to Hex 045949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#045949 }
```

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

```
.background{ background-color:#045949 }
```

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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