

Converting Colors

Hex(095054)

Have a look what the booklet for
Hex(095054) contains.

Hex(095054)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(095054)

Conversions

Conversions Part 1

Format	Color
Hex	095054
RGB	9, 80, 84
RGB Percent	4%, 31%, 33%
CMY	0.9647, 0.6863, 0.6706
CMYK	0.89, 0.05, 0.00, 0.67
HSL	183°, 81%, 18%
HSV	183°, 89%, 33%
XYZ	4.5816, 6.4355, 9.3882
YIQ	59.2270, -43.6000, -13.8080

Conversions

Conversions Part 2

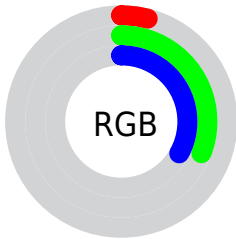
Format	Color
R_{YB}	9, 45, 84
Decimal	610388
CIE _{Lab}	30.49, -18.40, -8.21
CIE _{LCh}	30, 20.149, 204.041
Yxy	6.4355, 0.2245, 0.3154
Android (android.graphics.Color)	4278800468 (0xFF095054)
YUV	59.2270, 12.2131, -44.0491
Hunter-Lab	25.3683, -12.1571, -4.1841

Details

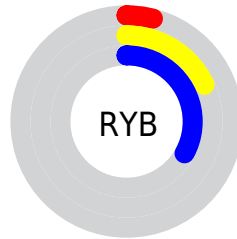
The Hex color **095054** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **540D09**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **458285**, and **002327** is the 20% darker color. If you saturate the color by 10%, you get **015054**, and if you desaturate by 10%, it is **115054**.

Distribution



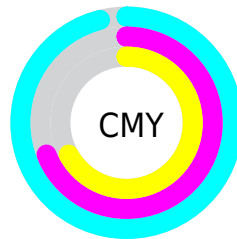
- Red (4%)
- Green (31%)
- Blue (33%)



- Red (4%)
- Yellow (18%)
- Blue (33%)



- Cyan (89%)
- Magenta (5%)
- Yellow (0%)
- Black (67%)



- Cyan (96%)
- Magenta (69%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 095054 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 095054 by changing the saturation by 10% instead.



095054



095054

FFFFFF



00393D



458285



002327



609CA0



000413



7AB7BB



000000



95D2D6



B1EFF3



CDFFFF



EAffff



095054



095054

■ 015054

■ 115054

■ 005054

■ 1A5154

■ 225154

■ 2B5254

■ 335254

■ 3B5354

■ 445354

■ 4C5454

■ 555454

Harmonies

Analogous

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



1E5044



095054



104E61

Triad

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



095054



593F5A



554628

Complementary

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



095054



540D09

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.



61402F



095054



643C4C

Square

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



095054



454564



663C3C



454B2B

Rectangle

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



095054



234C66



663C3C



59442A

Sweetspot

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



095054



506C6E



09540D



263738



B8B8B8



383838

Same Dimension

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



095054



00686E



092B54



252929



006369



00DCE8

Inverse Universe

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



540950



6E0068



543209



292529



690063



E800DC

Previews

White Background



This preview shows how the Hex color 095054 looks on a white background.

Color Contrast Check

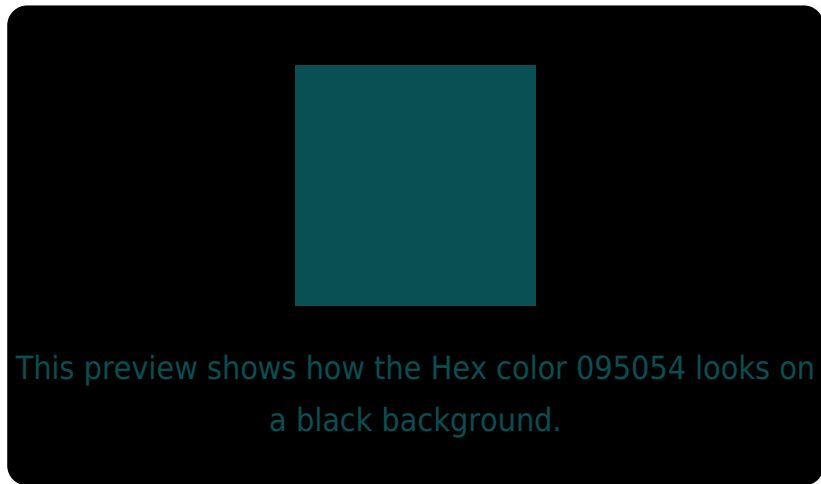
Large Text (above 18pt) WCAG AA ✓ Pass

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

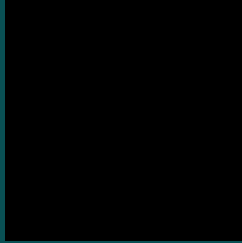
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

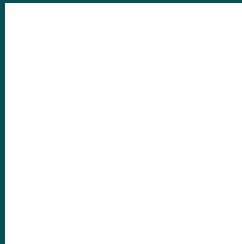
Any Text WCAG AAA × Fail

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

Hex 095054 Background



This preview shows how black text looks on a background with the Hex color 095054.

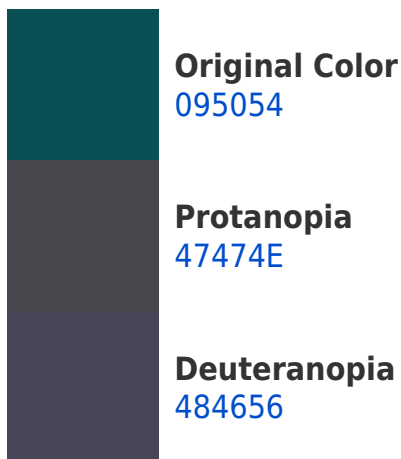


This preview shows how white text looks on a background with the Hex color 095054.

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](#).

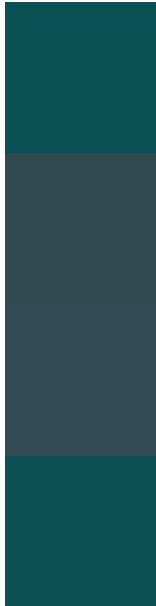
Dichromacy





Tritanopia
0D5056

Trichromacy



Original Color
095054

Protanomaly
304A50

Deuteranomaly
314A55

Tritanomaly
0C5055

Monochromacy



Original Color
095054

Achromatopsia
3B3B3B

Achromatomaly
294344

CSS Examples

Text

The CSS property to change the color of the text to Hex 095054 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 #095054 looks like.

```
.text, #text, p{  
    color:#095054  
}
```

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 #095054 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #095054
}
```

Border

The CSS property to change the border of an element to Hex 095054 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
#095054 }
```

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

```
.border{ border-color:#095054 }
```

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

Here you see how a box with a 4 pixel #095054 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #095054; -webkit-box-shadow:4px 4px  
4px 4px #095054; box-shadow:4px 4px 4px  
4px #095054 }
```

Background

The CSS property to change the background color of an element to Hex 095054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#095054 }
```

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

```
.background{ background-color:#095054 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor