

Converting Colors

Hex(095453)

Have a look what the booklet for
Hex(095453) contains.

Hex(095453)	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(095453)

Conversions

Conversions Part 1

Format	Color
Hex	095453
RGB	9, 84, 83
RGB Percent	4%, 33%, 33%
CMY	0.9647, 0.6706, 0.6745
CMYK	0.89, 0.00, 0.01, 0.67
HSL	179°, 81%, 18%
HSV	179°, 89%, 33%
XYZ	4.8443, 7.0233, 9.2839
YIQ	61.4610, -44.3790, -16.2110

Conversions

Conversions Part 2

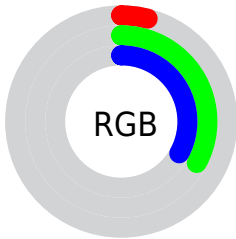
Format	Color
R_YB	9, 47, 84
Decimal	611411
CIE _{Lab}	31.86, -20.91, -5.51
CIE _{LCh}	32, 21.624, 194.765
Yxy	7.0233, 0.2290, 0.3320
Android (android.graphics.Color)	4278801491 (0xFF095453)
YUV	61.4610, 10.6187, -46.0083
Hunter-Lab	26.5014, -13.7487, -2.2193

Details

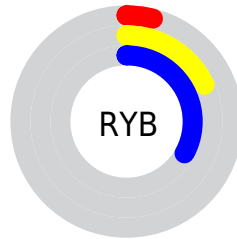
The Hex color **095453** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **54090A**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **468684**, and **002626** is the 20% darker color. If you saturate the color by 10%, you get **015453**, and if you desaturate by 10%, it is **115453**.

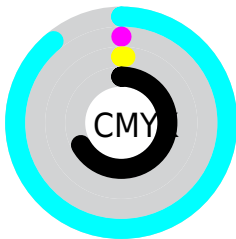
Distribution



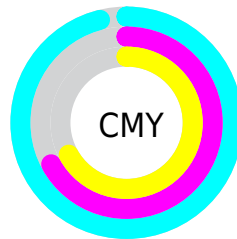
- Red (4%)
- Green (33%)
- Blue (33%)



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



- Cyan (89%)
- Magenta (0%)
- Yellow (1%)
- Black (67%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 095453 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 095453 by changing the saturation by 10% instead.

095453

095453

FFFFFF

003D3C

468684

002626

60A09E

000D12

7BBBB9

000000

96D7D5

B2F4F1

CEFFFF

EBFFFF

095453

095453

■ 015453

■ 115453

■ 005453

■ 1A5453

■ 225453

■ 2B5453

■ 335454

■ 3B5454

■ 445454

■ 4C5454

■ 555454

Harmonies

Analogous

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



255341



095453



015362

Triad

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



095453



574363



5E472A

Complementary

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



095453



54090A

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.



684134



095453



673F54

Square

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



095453



404A6C



6C3E43



4E4D2A

Rectangle

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



095453



175169



6C3E43



62452D

Sweetspot

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



095453



506E6D



0A5409



263838



B8B8B8



383838

Same Dimension

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



095453



006E6C



093054



252929



006967



00E8E5

Inverse Universe

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



54090A



6E0001



542D09



292525



690001



E80003

Previews

White Background



This preview shows how the Hex color 095453 looks on a white background.

Color Contrast Check

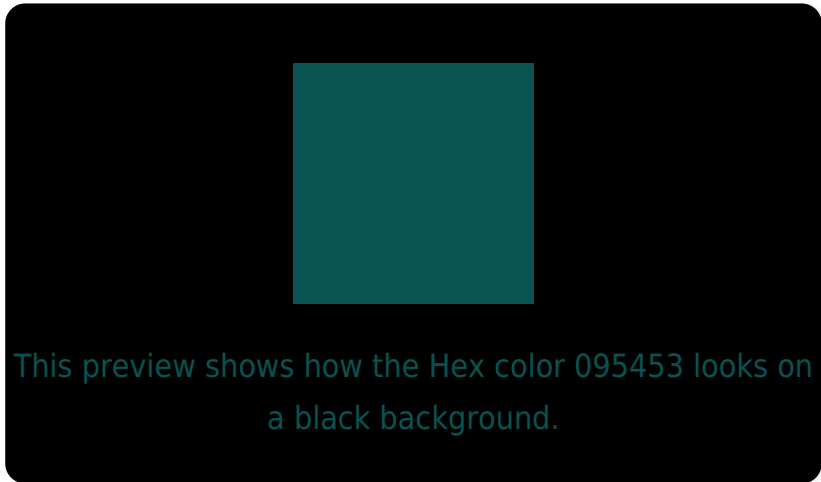
Large Text (above 18pt) WCAG AA ✓ Pass

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

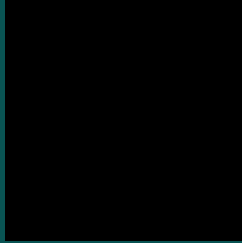
Any Text WCAG AA × Fail

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 095453 Background



This preview shows how black text looks on a background with the Hex color 095453.



This preview shows how white text looks on a background with the Hex color 095453.

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
095453

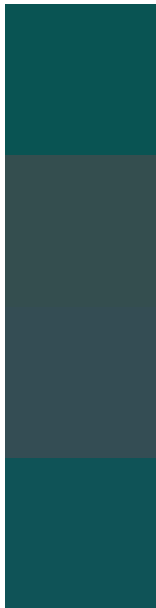
Protanopia
4C4A4D

Deuteranopia
4D4955



Tritanopia
12535A

Trichromacy



Original Color
095453

Protanomaly
344E4F

Deuteranomaly
344D54

Tritanomaly
0F5357

Monochromacy



Original Color
095453

Achromatopsia
3D3D3D

Achromatomaly
2A4545

CSS Examples

Text

The CSS property to change the color of the text to Hex 095453 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 #095453 looks like.

```
.text, #text, p{  
    color:#095453  
}
```

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 #095453 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #095453
}
```

Border

The CSS property to change the border of an element to Hex 095453 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
#095453 }
```

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

```
.border{ border-color:#095453 }
```

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

Here you see how a box with a 4 pixel #095453 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #095453; -webkit-box-shadow:4px 4px  
4px 4px #095453; box-shadow:4px 4px 4px  
4px #095453 }
```

Background

The CSS property to change the background color of an element to Hex 095453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#095453 }
```

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

```
.background{ background-color:#095453 }
```

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