

Converting Colors

Hex(09695B)

Have a look what the booklet for
Hex(09695B) contains.

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Color

Hex(09695B)

Conversions

Conversions Part 1

Format	Color
Hex	09695B
RGB	9, 105, 91
RGB Percent	4%, 41%, 36%
CMY	0.9647, 0.5882, 0.6431
CMYK	0.91, 0.00, 0.13, 0.59
HSL	171°, 84%, 22%
HSV	171°, 91%, 41%
XYZ	7.0526, 10.9166, 11.6329
YIQ	74.7000, -52.7220, -24.7060

Conversions

Conversions Part 2

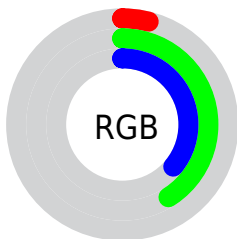
Format	Color
R_{YB}	9, 61, 105
Decimal	616795
CIE Lab	39.44, -28.86, 0.68
CIE LCh	39, 28.865, 178.642
Yxy	10.9166, 0.2382, 0.3688
Android (android.graphics.Color)	4278806875 (0xFF09695B)
YUV	74.7000, 8.0359, -57.6189
Hunter-Lab	33.0402, -19.7189, 2.2531

Details


The Hex color **09695B** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **690917**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **4B9D8D**, and **00392D** is the 20% darker color. If you saturate the color by 10%, you get **00695A**, and if you desaturate by 10%, it is **14695D**.

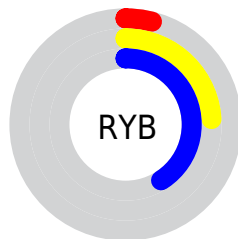
Distribution



 Red (4%)

 Green (41%)

 Blue (36%)




 Red (4%)

 Yellow (24%)

 Blue (41%)

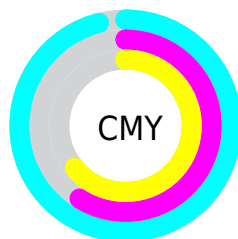



 Cyan (91%)


 Magenta (0%)

 Yellow (13%)

 Black (59%)



 Cyan (96%)

 Magenta (59%)

 Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 09695B 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 09695B by changing the saturation by 10% instead.



09695B



09695B

FFFFFF



005044



4B9D8D



00392D



67B8A7



002419



82D4C3



000000



9EF0DE



BAFFFB



D7FFFF



F4FFFF



09695B



09695B

■ 00695A

■ 14695D

■ 1E695E

■ 286960

■ 336961

■ 3D6963

■ 486964

■ 526966

■ 5D6967

■ 676969

Harmonies

Analogous

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



386744



09695B



006973

Triad

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



09695B



5D5786



7F5335

Complementary

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



09695B



690917

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.



894C48



09695B



794F76

Square

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



09695B



34608C



884A5F



6C5B2D

Rectangle

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



09695B



006780



884A5F



83503B

Sweetspot

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



09695B



658A84



176909



2F4542



C4C4C4



454545

Same Dimension

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



09695B



008A76



094769



303635



007564



00F5D1

Inverse Universe

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



690917



8A0014



692B09



363031



750011



F50024

Previews

White Background



This preview shows how the Hex color 09695B looks on a white background.

Color Contrast Check

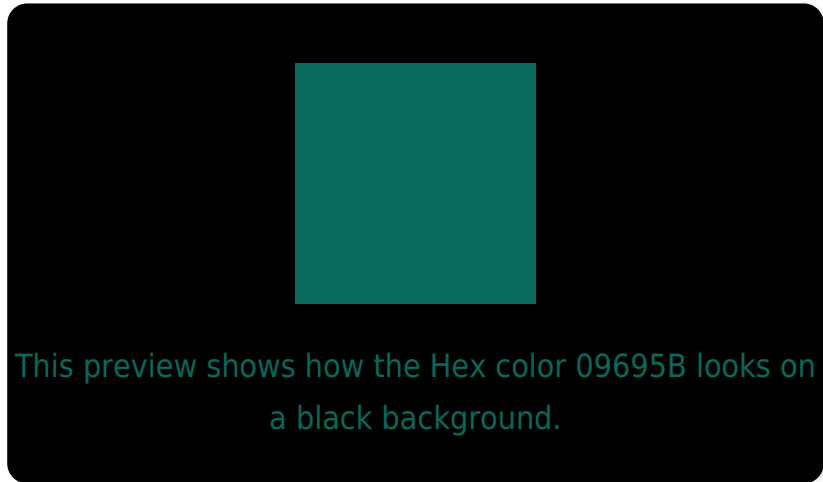
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

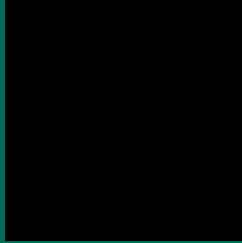
Any Text WCAG AA × Fail

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 09695B Background



This preview shows how black text looks on a background with the Hex color 09695B.



This preview shows how white text looks on a background with the Hex color 09695B.

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
09695B

Protanopia
605C54

Deuteranopia
655A5E



Tritanopia
1E666F

Trichromacy



Original Color
09695B

Protanomaly
406157

Deuteranomaly
445F5D

Tritanomaly
166768

Monochromacy



Original Color
09695B

Achromatopsia
4B4B4B

Achromatomaly
335651

CSS Examples

Text

The CSS property to change the color of the text to Hex 09695B 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 #09695B looks like.

```
.text, #text, p{  
    color:#09695B  
}
```

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 #09695B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09695B
}
```

Border

The CSS property to change the border of an element to Hex 09695B 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
#09695B }
```

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

```
.border{ border-color:#09695B }
```

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

Here you see how a box with a 4 pixel #09695B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09695B; -webkit-box-shadow:4px 4px  
4px 4px #09695B; box-shadow:4px 4px 4px  
4px #09695B }
```

Background

The CSS property to change the background color of an element to Hex 09695B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09695B }
```

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

```
.background{ background-color:#09695B }
```

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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