

Converting Colors

Hex(09565B)

Have a look what the booklet for
Hex(09565B) contains.

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Color

Hex(09565B)

Conversions

Conversions Part 1

Format	Color
Hex	09565B
RGB	9, 86, 91
RGB Percent	4%, 34%, 36%
CMY	0.9647, 0.6627, 0.6431
CMYK	0.90, 0.05, 0.00, 0.64
HSL	184°, 82%, 20%
HSV	184°, 90%, 36%
XYZ	5.3288, 7.4690, 11.0583
YIQ	63.5470, -47.4970, -14.7690

Conversions

Conversions Part 2

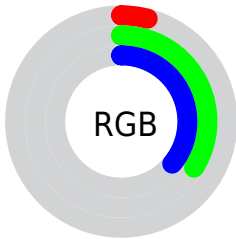
Format	Color
R_{YB}	9, 49, 91
Decimal	611931
CIE Lab	32.85, -19.20, -9.09
CIE LCh	33, 21.242, 205.324
Yxy	7.4690, 0.2234, 0.3131
Android (android.graphics.Color)	4278802011 (0xFF09565B)
YUV	63.5470, 13.5343, -47.8377
Hunter-Lab	27.3294, -13.0221, -4.8599

Details

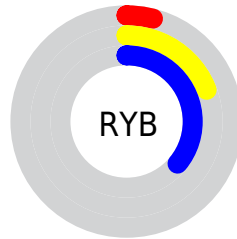
The Hex color **09565B** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5B0E09**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **47888D**, and **00282D** is the 20% darker color. If you saturate the color by 10%, you get **00555B**, and if you desaturate by 10%, it is **12575B**.

Distribution



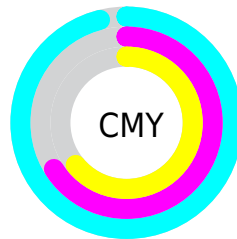
- Red (4%)
- Green (34%)
- Blue (36%)



- Red (4%)
- Yellow (19%)
- Blue (36%)



- Cyan (90%)
- Magenta (5%)
- Yellow (0%)
- Black (64%)



- Cyan (96%)
- Magenta (66%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 09565B 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 09565B by changing the saturation by 10% instead.



09565B



09565B

FFFFFF



003F44



47888D



00282D



62A2A7



001319



7DBEC3



000000



98D9DF



B4F6FB



D1FFFF



EEFFFF



09565B



09565B

■ 00555B

■ 12575B

■ 1B575B

■ 24585B

■ 2D585B

■ 36595B

■ 40595B

■ 495A5B

■ 525A5B

■ 5B5B5B

Harmonies

Analogous

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



20564A



09565B



135468

Triad

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



09565B



604461



5B4B2C

Complementary

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



09565B



5B0E09

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.



674632



09565B



6C4051

Square

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



09565B



4B4A6B



6E4140



4A512E

Rectangle

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



09565B



27516D



6E4140



60492D

Sweetspot

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



09565B



567375



095B0D



283A3B



BABABA



3B3B3B

Same Dimension

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



09565B



006E75



092E5B



292E2E



00676E



00DFED

Inverse Universe

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



5B0956



75006E



5B3609



2E292E



6E0067



ED00DF

Previews

White Background



This preview shows how the Hex color 09565B looks on a white background.

Color Contrast Check

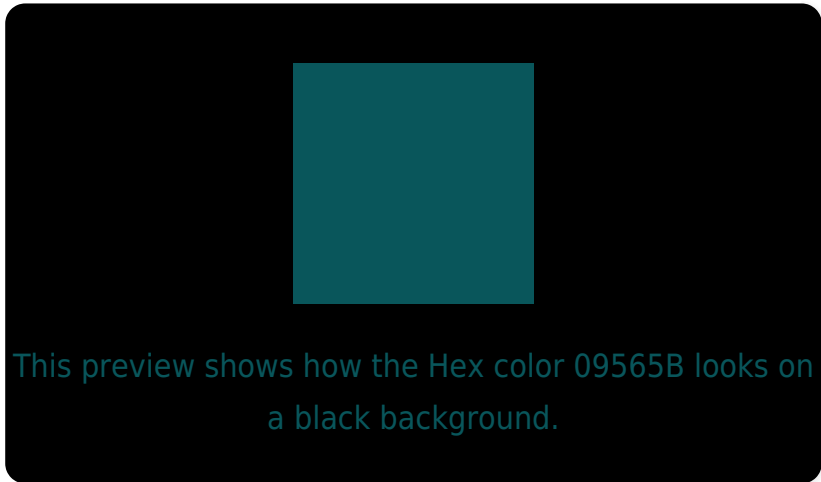
Large Text (above 18pt) WCAG AA ✓ Pass

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

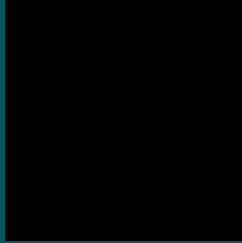
Any Text WCAG AA × Fail

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 09565B Background



This preview shows how black text looks on a background with the Hex color 09565B.



This preview shows how white text looks on a background with the Hex color 09565B.

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
09565B

Protanopia
4C4D55

Deuteranopia
4D4C5D



Tritanopia
0C565D

Trichromacy



Original Color
09565B

Protanomaly
345057

Deuteranomaly
34505C

Tritanomaly
0B565C

Monochromacy



Original Color
09565B

Achromatopsia
404040

Achromatomaly
2C484A

CSS Examples

Text

The CSS property to change the color of the text to Hex 09565B 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 #09565B looks like.

```
.text, #text, p{  
    color:#09565B  
}
```

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 #09565B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09565B
}
```

Border

The CSS property to change the border of an element to Hex 09565B 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
#09565B }
```

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

```
.border{ border-color:#09565B }
```

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

Here you see how a box with a 4 pixel #09565B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09565B; -webkit-box-shadow:4px 4px  
4px 4px #09565B; box-shadow:4px 4px 4px  
4px #09565B }
```

Background

The CSS property to change the background color of an element to Hex 09565B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09565B }
```

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

```
.background{ background-color:#09565B }
```

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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