

Converting Colors

Hex(09464D)

Have a look what the booklet for
Hex(09464D) contains.

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Color

Hex(09464D)

Conversions

Conversions Part 1

Format	Color
Hex	09464D
RGB	9, 70, 77
RGB Percent	4%, 27%, 30%
CMY	0.9647, 0.7255, 0.6980
CMYK	0.88, 0.09, 0.00, 0.70
HSL	186°, 79%, 17%
HSV	186°, 88%, 30%
XYZ	3.6424, 4.9742, 7.7893
YIQ	52.5590, -38.6030, -10.7550

Conversions

Conversions Part 2

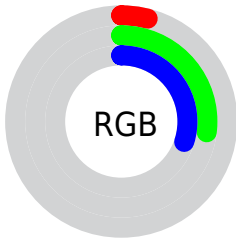
Format	Color
R_{YB}	9, 41, 77
Decimal	607821
CIE _{Lab}	26.66, -15.31, -9.47
CIE _{LCh}	27, 18.005, 211.739
Yxy	4.9742, 0.2220, 0.3032
Android (android.graphics.Color)	4278797901 (0xFF09464D)
YUV	52.5590, 12.0494, -38.2012
Hunter-Lab	22.3030, -9.8787, -5.0950

Details

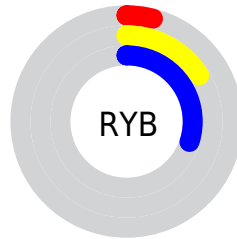
The Hex color **09464D** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4D1009**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **42777E**, and **001C21** is the 20% darker color. If you saturate the color by 10%, you get **01454D**, and if you desaturate by 10%, it is **11474D**.

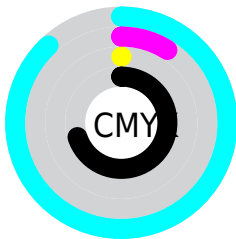
Distribution



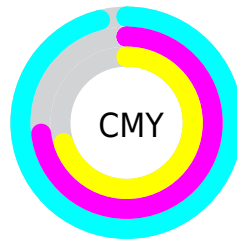
- Red (4%)
- Green (27%)
- Blue (30%)



- Red (4%)
- Yellow (16%)
- Blue (30%)



- Cyan (88%)
- Magenta (9%)
- Yellow (0%)
- Black (70%)



- Cyan (96%)
- Magenta (73%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 09464D 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 09464D by changing the saturation by 10% instead.

09464D

09464D

FFFFFF

002F36

42777E

001C21

5C9098

000009

76ABB3

000000

91C6CE

ADE2EA

C9FFFF

E5FFFF

09464D

09464D

■ 01454D

■ 11474D

■ 00454D

■ 18484D

■ 20484D

■ 28494D

■ 2F4A4D

■ 374B4D

■ 3F4C4D

■ 474C4D

■ 4E4D4D

Harmonies

Analogous

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



17463F



09464D



164457

Triad

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



09464D



51374C



473E23

Complementary

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



09464D



4D1009

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.



533A27



09464D



59343F

Square

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



09464D



423B56



593631



394327

Rectangle

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



09464D



25425A



593631



4C3D24

Sweetspot

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



09464D



4A6163



094D10



233133



B3B3B3



333333

Same Dimension

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



09464D



005963



09244D



222626



005C66



00CEE6

Inverse Universe

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



4D0946



630059



4D3209



262226



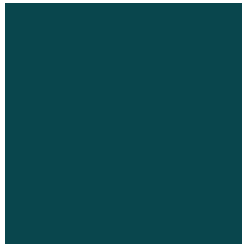
66005C



E600CE

Previews

White Background



This preview shows how the Hex color 09464D looks on a white background.

Color Contrast Check

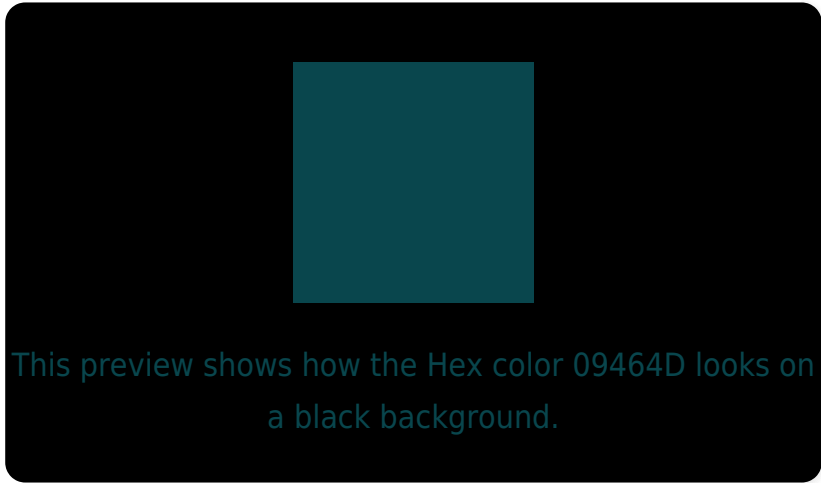
Large Text (above 18pt) WCAG AA ✓ Pass

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

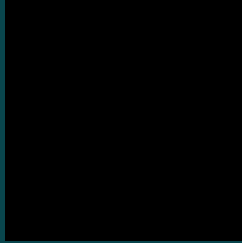
Any Text WCAG AA × Fail

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 09464D Background



This preview shows how black text looks on a background with the Hex color 09464D.



This preview shows how white text looks on a background with the Hex color 09464D.

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
09464D

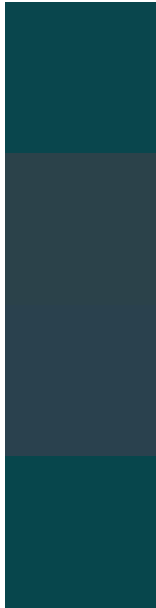
Protanopia
3E3F48

Deuteranopia
3D3E4F



Tritanopia
06464C

Trichromacy



Original Color
09464D

Protanomaly
2B424A

Deuteranomaly
2A414E

Tritanomaly
07464C

Monochromacy



Original Color
09464D

Achromatopsia
353535

Achromatomaly
253B3E

CSS Examples

Text

The CSS property to change the color of the text to Hex 09464D 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 #09464D looks like.

```
.text, #text, p{  
    color:#09464D  
}
```

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 #09464D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09464D
}
```

Border

The CSS property to change the border of an element to Hex 09464D 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
#09464D }
```

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

```
.border{ border-color:#09464D }
```

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

Here you see how a box with a 4 pixel #09464D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09464D; -webkit-box-shadow:4px 4px  
4px 4px #09464D; box-shadow:4px 4px 4px  
4px #09464D }
```

Background

The CSS property to change the background color of an element to Hex 09464D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09464D }
```

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

```
.background{ background-color:#09464D }
```

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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