

# Converting Colors

Hex(0A4564)

Have a look what the booklet for  
Hex(0A4564) contains.

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# Color

**Hex(0A4564)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0A4564
RGB	10, 69, 100
RGB Percent	4%, 27%, 39%
CMY	0.9608, 0.7294, 0.6078
CMYK	0.90, 0.31, 0.00, 0.61
HSL	201°, 82%, 22%
HSV	201°, 90%, 39%
XYZ	4.5535, 5.2409, 12.8282
YIQ	54.8930, -45.1150, -2.8670

# Conversions

## Conversions Part 2

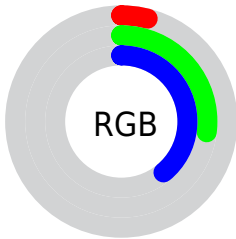
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	10, 46, 100
Decimal	673124
CIE <sub>Lab</sub>	27.41, -5.52, -23.20
CIE <sub>LCh</sub>	27, 23.848, 256.624
Yxy	5.2409, 0.2013, 0.2317
Android (android.graphics.Color)	4278863204 (0xFF0A4564)
YUV	54.8930, 22.2378, -39.3712
Hunter-Lab	22.8930, -4.5579, -17.1984

# Details

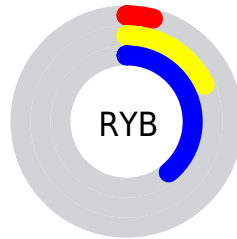
The Hex color **0A4564** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **64290A**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **487597**, and **001A35** is the 20% darker color. If you saturate the color by 10%, you get **004264**, and if you desaturate by 10%, it is **144864**.

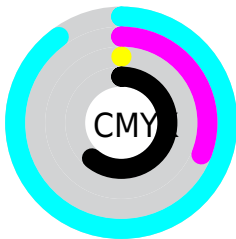
# Distribution



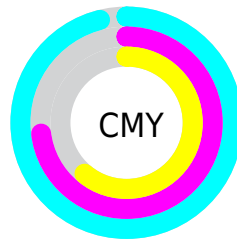
- Red (4%)
- Green (27%)
- Blue (39%)



- Red (4%)
- Yellow (18%)
- Blue (39%)



- Cyan (90%)
- Magenta (31%)
- Yellow (0%)
- Black (61%)



- Cyan (96%)
- Magenta (73%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0A4564 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 0A4564 by changing the saturation by 10% instead.





0A4564



0A4564

FFFFFF



002F4C



487597



001A35



628FB2



000220



7DA9CD



000004



98C4EA



000000



B4E0FF



D1FDFF



EEFFFF



0A4564



0A4564

■ 004264

■ 144864

■ 1E4C64

■ 284F64

■ 325364

■ 3C5664

■ 465A64

■ 505D64

■ 5A6164

■ 646464

# Harmonies

## Analogous

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



00495B



0A4564



353F64

# Triad

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



0A4564



643237



2D4727

# Complementary

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



0A4564



64290A

# 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.



42431D



0A4564



5F3627

# Square

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



0A4564



5F334A



533D1D



104A38

# Rectangle

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



0A4564



483A5E



533D1D



354622



# Sweetspot

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



0A4564



5F7682



0A6428



2D3B42



C2C2C2



424242



# Same Dimension

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



0A4564



005582



0A1964



2E3133



004B73



009FF2



# Inverse Universe

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



640A45



820055



64550A



332E31



73004B



F2009F



# Previews

## White Background



This preview shows how the Hex color 0A4564 looks on a white background.

## Color Contrast Check

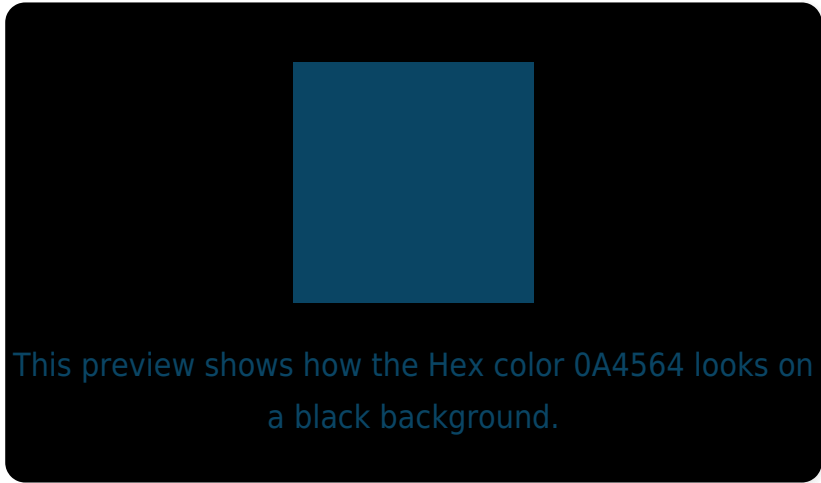
Large Text (above 18pt) WCAG AA ✓ Pass

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

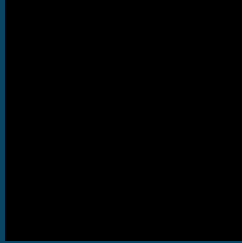
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0A4564 Background



This preview shows how black text looks on a background with the Hex color 0A4564.



This preview shows how white text looks on a background with the Hex color 0A4564.

# 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**  
0A4564

**Protanopia**  
364060

**Deuteranopia**  
2E4165



**Tritanopia**  
00484D

# Trichromacy



**Original Color**  
0A4564

**Protanomaly**  
264261

**Deuteranomaly**  
214265

**Tritanomaly**  
044755

# Monochromacy



**Original Color**  
0A4564

**Achromatopsia**  
373737

**Achromatomaly**  
273C47

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0A4564 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 #0A4564 looks like.

```
.text, #text, p{  
    color:#0A4564  
}
```

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 #0A4564 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A4564
}
```

## Border

The CSS property to change the border of an element to Hex 0A4564 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
#0A4564 }
```

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

```
.border{ border-color:#0A4564 }
```

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

Here you see how a box with a 4 pixel #0A4564 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A4564; -webkit-box-shadow:4px 4px  
4px 4px #0A4564; box-shadow:4px 4px 4px  
4px #0A4564 }
```

# Background

The CSS property to change the background color of an element to Hex 0A4564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A4564 }
```

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

```
.background{ background-color:#0A4564 }
```

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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