

# Converting Colors

Hex(084750)

Have a look what the booklet for  
Hex(084750) contains.

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# Color

**Hex(084750)**

# Conversions

## Conversions Part 1

Format	Color
Hex	084750
RGB	8, 71, 80
RGB Percent	3%, 28%, 31%
CMY	0.9686, 0.7216, 0.6863
CMYK	0.90, 0.11, 0.00, 0.69
HSL	188°, 82%, 17%
HSV	188°, 90%, 31%
XYZ	3.8013, 5.1373, 8.3807
YIQ	53.1890, -40.4370, -10.5570

# Conversions

## Conversions Part 2

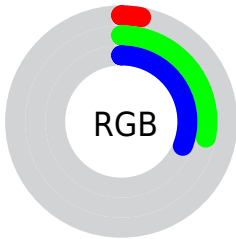
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	8, 42, 80
Decimal	542544
CIE Lab	27.12, -14.88, -10.73
CIE LCh	27, 18.345, 215.781
Yxy	5.1373, 0.2195, 0.2966
Android (android.graphics.Color)	4278732624 (0xFF084750)
YUV	53.1890, 13.2178, -39.6308
Hunter-Lab	22.6656, -9.7277, -6.0567

# Details

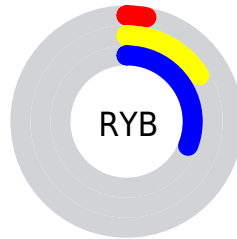
The Hex color **084750** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **501108**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **437881**, and **001C24** is the 20% darker color. If you saturate the color by 10%, you get **004650**, and if you desaturate by 10%, it is **104850**.

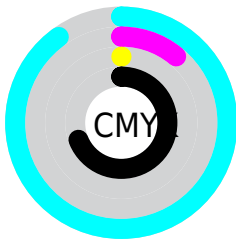
# Distribution



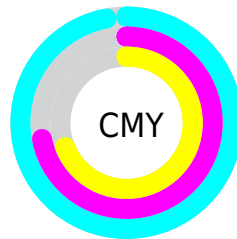
- Red (3%)
- Green (28%)
- Blue (31%)



- Red (3%)
- Yellow (16%)
- Blue (31%)



- Cyan (90%)
- Magenta (11%)
- Yellow (0%)
- Black (69%)



- Cyan (97%)
- Magenta (72%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 084750 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 084750 by changing the saturation by 10% instead.



084750

084750

FFFFFF

003039

437881

001C24

5D919B

00010E

77ACB6

000000

92C7D2

ADE3EE

C9FFFF

E6FFFF

084750

084750

■ 004650

■ 104850

■ 184950

■ 204A50

■ 284B50

■ 304C50

■ 384D50

■ 404E50

■ 484F50

■ 505050

# Harmonies

## Analogous

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



144842



084750



194559

# Triad

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



084750



54374C



474024

# Complementary

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



084750



501108

# 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.



533B27



084750



5B353E

# Square

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



084750



453B57



5A3730



384429

# Rectangle

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



084750



29425C



5A3730



4B3F24



# Sweetspot

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



084750



4C6569



085010



243336



B5B5B5



363636



# Same Dimension

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



084750



005B69



082450



252829



00CBE8

# Inverse Universe

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



500847



69005B



503408



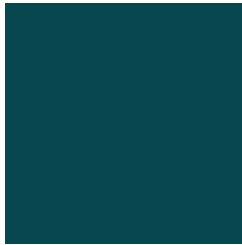
292528



E800CB

# Previews

## White Background



This preview shows how the Hex color 084750 looks on a white background.

## Color Contrast Check

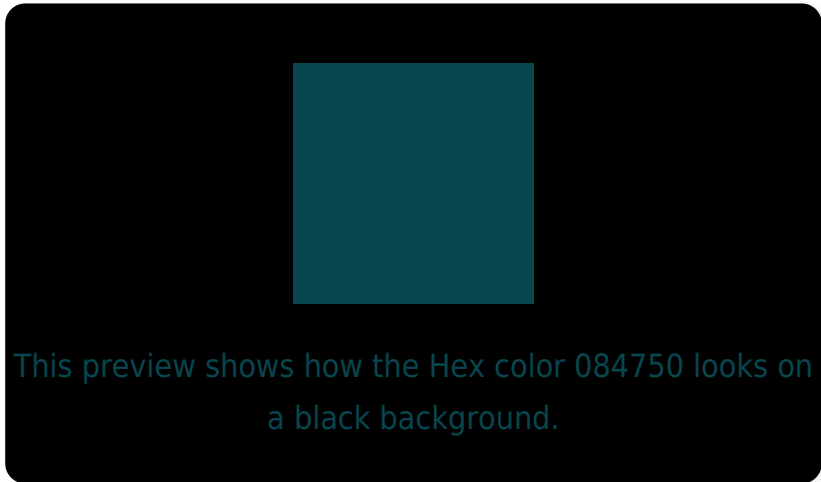
Large Text (above 18pt) WCAG AA ✓ Pass

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

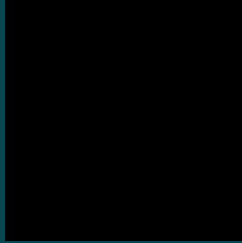
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

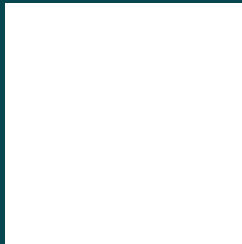
Any Text WCAG AAA × Fail

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

## Hex 084750 Background



This preview shows how black text looks on a background with the Hex color 084750.



This preview shows how white text looks on a background with the Hex color 084750.

# 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**  
084750

**Protanopia**  
3E404B

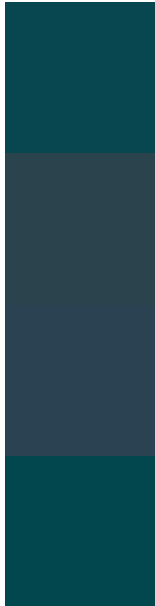
**Deuteranopia**  
3D3F52





**Tritanopia**  
00474D

# Trichromacy



**Original Color**  
084750

**Protanomaly**  
2A434D

**Deuteranomaly**  
2A4251

**Tritanomaly**  
03474E

# Monochromacy



**Original Color**  
084750

**Achromatopsia**  
353535

**Achromatomaly**  
253C3F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 084750 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 #084750 looks like.

```
.text, #text, p{  
    color:#084750  
}
```

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 #084750 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #084750
}
```

## Border

The CSS property to change the border of an element to Hex 084750 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
#084750 }
```

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

```
.border{ border-color:#084750 }
```

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

Here you see how a box with a 4 pixel #084750 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #084750; -webkit-box-shadow:4px 4px  
4px 4px #084750; box-shadow:4px 4px 4px  
4px #084750 }
```

# Background

The CSS property to change the background color of an element to Hex 084750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#084750 }
```

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

```
.background{ background-color:#084750 }
```

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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