

Converting Colors

Hex(084A4F)

Have a look what the booklet for
Hex(084A4F) contains.

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Color

Hex(084A4F)

Conversions

Conversions Part 1

Format	Color
Hex	084A4F
RGB	8, 74, 79
RGB Percent	3%, 29%, 31%
CMY	0.9686, 0.7098, 0.6902
CMYK	0.90, 0.06, 0.00, 0.69
HSL	184°, 82%, 17%
HSV	184°, 90%, 31%
XYZ	3.9602, 5.5137, 8.2527
YIQ	54.8360, -40.9410, -12.4370

Conversions

Conversions Part 2

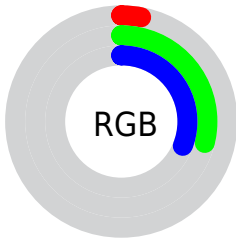
Format	Color
R_{YB}	8, 42, 79
Decimal	543311
CIE Lab	28.15, -16.97, -8.52
CIE LCh	28, 18.984, 206.658
Yxy	5.5137, 0.2234, 0.3110
Android (android.graphics.Color)	4278733391 (0xFF084A4F)
YUV	54.8360, 11.9129, -41.0752
Hunter-Lab	23.4813, -10.9875, -4.4010

Details

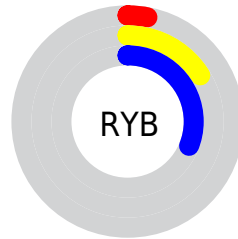
The Hex color **084A4F** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4F0D08**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **437B80**, and **001F23** is the 20% darker color. If you saturate the color by 10%, you get **00494F**, and if you desaturate by 10%, it is **104B4F**.

Distribution



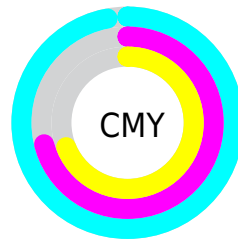
- Red (3%)
- Green (29%)
- Blue (31%)



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



- Cyan (90%)
- Magenta (6%)
- Yellow (0%)
- Black (69%)



- Cyan (97%)
- Magenta (71%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 084A4F 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 084A4F by changing the saturation by 10% instead.

084A4F

084A4F

FFFFFF

003338

437B80

001F23

5D959A

00010D

77B0B5

000000

92CBD0

AEE7ED

CAFFFF

E7FFFF

084A4F

084A4F

■ 00494F

■ 104B4F

■ 184B4F

■ 204C4F

■ 284C4F

■ 304D4F

■ 374D4F

■ 3F4E4F

■ 474E4F

■ 4F4F4F

Harmonies

Analogous

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



1A4A40



084A4F



12485A

Triad

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



084A4F



533A53



4E4125

Complementary

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



084A4F



4F0D08

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.



593C2B



084A4F



5D3745

Square

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



084A4F



423F5C



5F3836



3F4528

Rectangle

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



084A4F



22465F



5F3836



523F26

Sweetspot

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



084A4F



4A6466



084F0D



233233



B3B3B3



333333

Same Dimension

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



084A4F



005F66



08274F



222626



00D5E6

Inverse Universe

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



4F084A



66005F



4F3008



262226



E600D5

Previews

White Background



This preview shows how the Hex color 084A4F looks on a white background.

Color Contrast Check

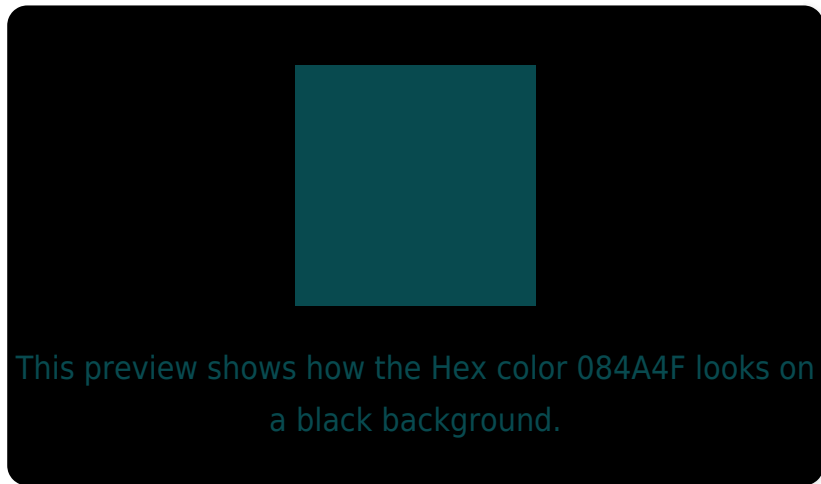
Large Text (above 18pt) WCAG AA ✓ Pass

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

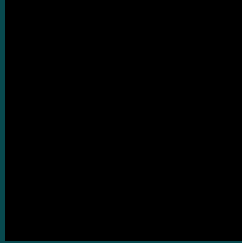
Any Text WCAG AA × Fail

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 084A4F Background



This preview shows how black text looks on a background with the Hex color 084A4F.



This preview shows how white text looks on a background with the Hex color 084A4F.

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
084A4F

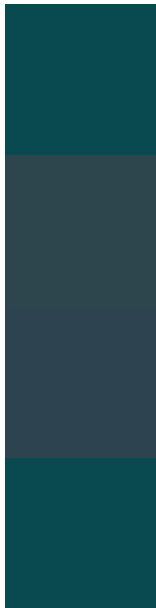
Protanopia
42424A

Deuteranopia
424151



Tritanopia
0A4A50

Trichromacy



Original Color
084A4F

Protanomaly
2D454C

Deuteranomaly
2D4450

Tritanomaly
094A50

Monochromacy



Original Color
084A4F

Achromatopsia
373737

Achromatomaly
263E40

CSS Examples

Text

The CSS property to change the color of the text to Hex 084A4F 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 #084A4F looks like.

```
.text, #text, p{  
    color:#084A4F  
}
```

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 #084A4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #084A4F
}
```

Border

The CSS property to change the border of an element to Hex 084A4F 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
#084A4F }
```

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

```
.border{ border-color:#084A4F }
```

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

Here you see how a box with a 4 pixel #084A4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #084A4F; -webkit-box-shadow:4px 4px  
4px 4px #084A4F; box-shadow:4px 4px 4px  
4px #084A4F }
```

Background

The CSS property to change the background color of an element to Hex 084A4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#084A4F }
```

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

```
.background{ background-color:#084A4F }
```

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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