

Converting Colors

Hex(104F48)

Have a look what the booklet for
Hex(104F48) contains.

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Color

Hex(104F48)

Conversions

Conversions Part 1

Format	Color
Hex	104F48
RGB	16, 79, 72
RGB Percent	6%, 31%, 28%
CMY	0.9373, 0.6902, 0.7176
CMYK	0.80, 0.00, 0.09, 0.69
HSL	173°, 66%, 19%
HSV	173°, 80%, 31%
XYZ	4.1794, 6.1700, 7.1015
YIQ	59.3650, -35.3010, -15.5330

Conversions

Conversions Part 2

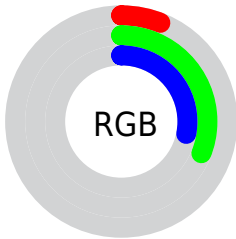
Format	Color
R_{YB}	16, 49, 79
Decimal	1068872
CIE _{Lab}	29.84, -21.10, -1.48
CIE _{LCh}	30, 21.147, 184.002
Yxy	6.1700, 0.2395, 0.3536
Android (android.graphics.Color)	4279258952 (0xFF104F48)
YUV	59.3650, 6.2291, -38.0311
Hunter-Lab	24.8395, -13.4356, 0.4368

Details

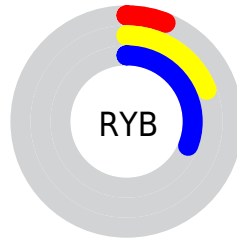
The Hex color **104F48** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **4F1017**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **478178**, and **00221D** is the 20% darker color. If you saturate the color by 10%, you get **084F47**, and if you desaturate by 10%, it is **184F49**.

Distribution



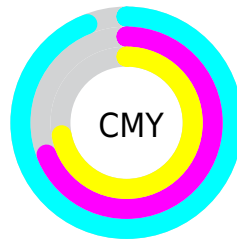
- Red (6%)
- Green (31%)
- Blue (28%)



- Red (6%)
- Yellow (19%)
- Blue (31%)



- Cyan (80%)
- Magenta (0%)
- Yellow (9%)
- Black (69%)



- Cyan (94%)
- Magenta (69%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 104F48 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 104F48 by changing the saturation by 10% instead.

 104F48

 104F48

FFFFFF

 003832

 478178

 00221D

 609B92

 000003

 7BB6AD

 000000

 96D1C8

 B1EEE4

 CDFFFF

 EAFFFF

 104F48

 104F48

■ 084F47

■ 184F49

■ 004F46

■ 204F4A

■ 284F4B

■ 304F4C

■ 384F4C

■ 3F4F4D

■ 474F4E

■ 4F4F4F

■ 574F50

Harmonies

Analogous

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



294E37



104F48



004E58

Triad

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



104F48



4B4161



5D4029

Complementary

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



104F48



4F1017

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.



653B35



104F48



5D3C55

Square

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



104F48



324767



653945



4F4625

Rectangle

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



104F48



044D60



653945



603E2C

Sweetspot

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



104F48



4E6663



174F10



243331



B3B3B3



333333

Same Dimension

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



104F48



04665B



10374F



222626



00665B



00E6CC

Inverse Universe

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



4F1017



66040F



4F2810



262223



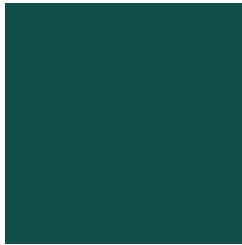
66000B



E60019

Previews

White Background



This preview shows how the Hex color 104F48 looks on a white background.

Color Contrast Check

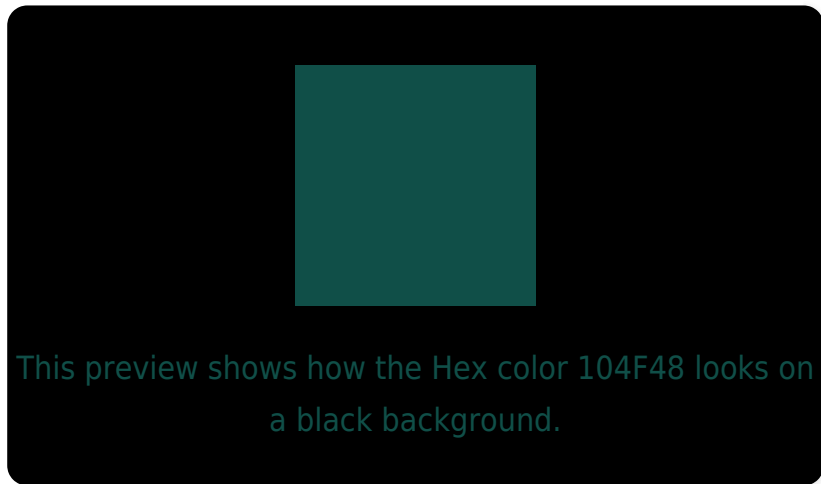
Large Text (above 18pt) WCAG AA ✓ Pass

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 104F48 Background



This preview shows how black text looks on a background with the Hex color 104F48.



This preview shows how white text looks on a background with the Hex color 104F48.

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
104F48

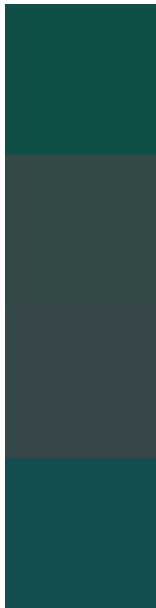
Protanopia
484643

Deuteranopia
4B444A



Tritanopia
184D54

Trichromacy



Original Color
104F48

Protanomaly
344945

Deuteranomaly
364849

Tritanomaly
154E50

Monochromacy



Original Color
104F48

Achromatopsia
3B3B3B

Achromatomaly
2B4240

CSS Examples

Text

The CSS property to change the color of the text to Hex 104F48 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 #104F48 looks like.

```
.text, #text, p{  
    color:#104F48  
}
```

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 #104F48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #104F48
}
```

Border

The CSS property to change the border of an element to Hex 104F48 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
#104F48 }
```

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

```
.border{ border-color:#104F48 }
```

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

Here you see how a box with a 4 pixel #104F48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #104F48; -webkit-box-shadow:4px 4px  
4px 4px #104F48; box-shadow:4px 4px 4px  
4px #104F48 }
```

Background

The CSS property to change the background color of an element to Hex 104F48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#104F48 }
```

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

```
.background{ background-color:#104F48 }
```

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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