

Converting Colors

Hex(104F2A)

Have a look what the booklet for
Hex(104F2A) contains.

Hex(104F2A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(104F2A)

Conversions

Conversions Part 1

Format	Color
Hex	104F2A
RGB	16, 79, 42
RGB Percent	6%, 31%, 16%
CMY	0.9373, 0.6902, 0.8353
CMYK	0.80, 0.00, 0.47, 0.69
HSL	145°, 66%, 19%
HSV	145°, 80%, 31%
XYZ	3.4276, 5.8693, 3.1427
YIQ	55.9450, -25.6710, -24.8630

Conversions

Conversions Part 2

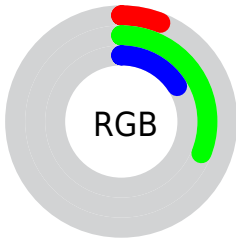
Format	Color
R_{YB}	16, 61, 79
Decimal	1068842
CIE _{Lab}	29.08, -29.12, 16.37
CIE _{LCh}	29, 33.409, 150.650
Yxy	5.8693, 0.2755, 0.4718
Android (android.graphics.Color)	4279258922 (0xFF104F2A)
YUV	55.9450, -6.8749, -35.0318
Hunter-Lab	24.2266, -17.1424, 9.2674

Details

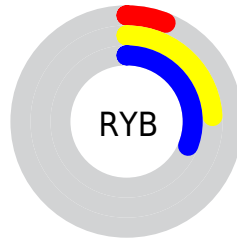
The Hex color **104F2A** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4F1035**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **458158**, and **002300** is the 20% darker color. If you saturate the color by 10%, you get **084F25**, and if you desaturate by 10%, it is **184F2F**.

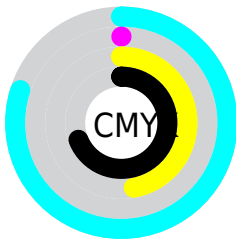
Distribution



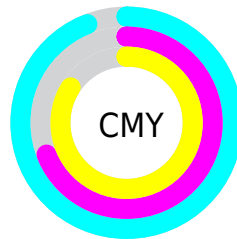
- Red (6%)
- Green (31%)
- Blue (16%)



- Red (6%)
- Yellow (24%)
- Blue (31%)



- Cyan (80%)
- Magenta (0%)
- Yellow (47%)
- Black (69%)



- Cyan (94%)
- Magenta (69%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 104F2A 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 104F2A by changing the saturation by 10% instead.

 104F2A

 104F2A

FFFFFF

 003815

 458158

 002300

 5F9B70

 000000

 79B68A

 94D2A4

 AFEEC0

 CBFFDB

 E8FFF8

 104F2A

 104F2A

■ 084F25

■ 184F2F

■ 004F21

■ 204F33

■ 284F38

■ 304F3D

■ 384F41

■ 3F4F46

■ 474F4A

■ 4F4F4F

■ 574F54

Harmonies

Analogous

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



384B15



104F2A



005144

Triad

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



104F2A



004778



72302C

Complementary

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



104F2A



4F1035

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.



722D45



104F2A



463D71

Square

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



104F2A



004E71



64335E



663A17

Rectangle

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



104F2A



005156



64335E



742E34

Sweetspot

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



104F2A



4E6658



364F10



24332A



B3B3B3



333333

Same Dimension

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



104F2A



04662C



104F49



222624



00662A



00E65F

Inverse Universe

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



4F1035



66043E



4F1016



262225



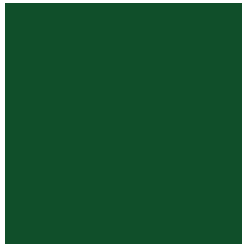
66003C



E60087

Previews

White Background



This preview shows how the Hex color 104F2A looks on a white background.

Color Contrast Check

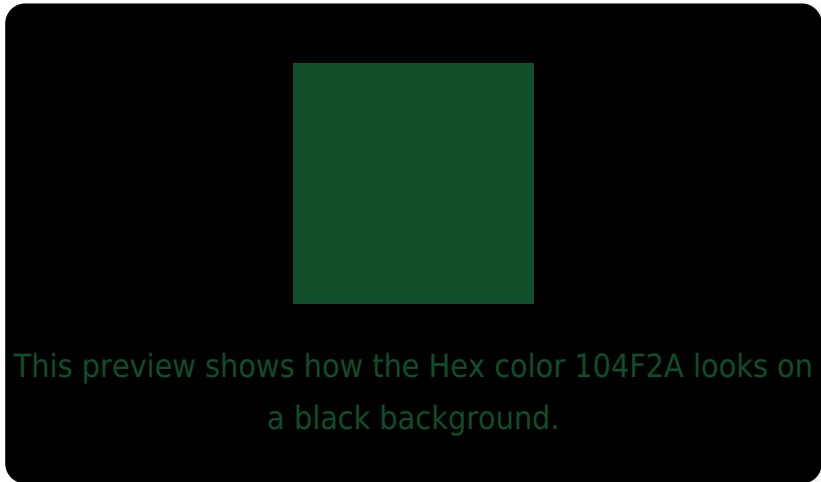
Large Text (above 18pt) WCAG AA ✓ Pass

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

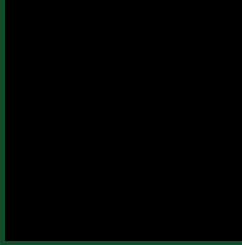
Any Text WCAG AA × Fail

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 104F2A Background



This preview shows how black text looks on a background with the Hex color 104F2A.



This preview shows how white text looks on a background with the Hex color 104F2A.

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
104F2A

Protanopia
4B4526

Deuteranopia
52412D



Tritanopia
214B51

Trichromacy



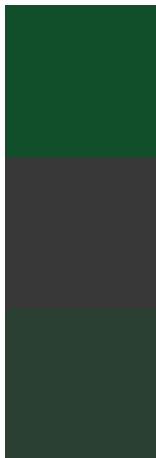
Original Color
104F2A

Protanomaly
364927

Deuteranomaly
3A462C

Tritanomaly
1B4C43

Monochromacy



Original Color
104F2A

Achromatopsia
383838

Achromatomaly
294033

CSS Examples

Text

The CSS property to change the color of the text to Hex 104F2A 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 #104F2A looks like.

```
.text, #text, p{  
    color:#104F2A  
}
```

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 #104F2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #104F2A
}
```

Border

The CSS property to change the border of an element to Hex 104F2A 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
#104F2A }
```

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

```
.border{ border-color:#104F2A }
```

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

Here you see how a box with a 4 pixel #104F2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #104F2A; -webkit-box-shadow:4px 4px  
4px 4px #104F2A; box-shadow:4px 4px 4px  
4px #104F2A }
```

Background

The CSS property to change the background color of an element to Hex 104F2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#104F2A }
```

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

```
.background{ background-color:#104F2A }
```

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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