

Converting Colors

Hex(1A613F)

Have a look what the booklet for
Hex(1A613F) contains.

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Color

Hex(1A613F)

Conversions

Conversions Part 1

Format	Color
Hex	1A613F
RGB	26, 97, 63
RGB Percent	10%, 38%, 25%
CMY	0.8980, 0.6196, 0.7529
CMYK	0.73, 0.00, 0.35, 0.62
HSL	151°, 58%, 24%
HSV	151°, 73%, 38%
XYZ	5.5979, 9.1279, 6.1694
YIQ	71.8950, -31.4020, -25.6260

Conversions

Conversions Part 2

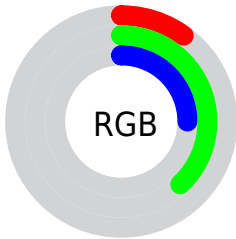
Format	Color
RYB	26, 73, 97
Decimal	1728831
CIELab	36.23, -30.59, 13.23
CIELCh	36, 33.331, 156.607
Yxy	9.1279, 0.2679, 0.4368
Android (android.graphics.Color)	4279918911 (0xFF1A613F)
YUV	71.8950, -4.3852, -40.2499
Hunter-Lab	30.2124, -19.7983, 9.0415

Details

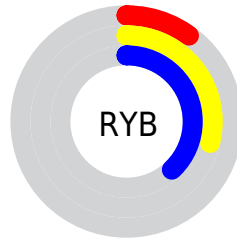
The Hex color **1A613F** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **611A3C**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **50946F**, and **003114** is the 20% darker color. If you saturate the color by 10%, you get **10613A**, and if you desaturate by 10%, it is **246144**.

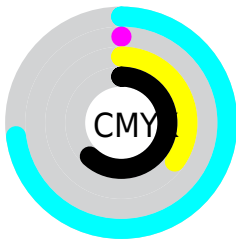
Distribution



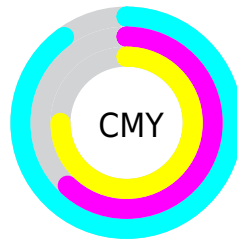
- Red (10%)
- Green (38%)
- Blue (25%)



- Red (10%)
- Yellow (29%)
- Blue (38%)



- Cyan (73%)
- Magenta (0%)
- Yellow (35%)
- Black (62%)



- Cyan (90%)
- Magenta (62%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A613F 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 1A613F by changing the saturation by 10% instead.

 1A613F

 1A613F

FFFFFF

 004929

 50946F

 003114

 6AAF88

 001E00

 85CBA3

 000000

 A0E7BE

 BCFFD9

 D8FFF6

 F6FFFF

 1A613F

 1A613F

■ 10613A

■ 246144

■ 076136

■ 2D6148

■ 006133

■ 37614D

■ 416152

■ 4A6156

■ 54615B

■ 5E6160

■ 686164

■ 716169

Harmonies

Analogous

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



435D28



1A613F



00635B

Triad

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



1A613F



2F568A



844337

Complementary

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



1A613F



611A3C

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.



873E50



1A613F



5F4C80

Square

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



1A613F



005E86



7B426B



754C24

Rectangle

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



1A613F



00626C



7B426B



86403F

Sweetspot

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



1A613F



617D70



3C611A



2F4038



BFBFBF



404040

Same Dimension

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



1A613F



0F7D48



1A6061



2C302E



00703A



00F07D

Inverse Universe

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



611A3C



7D0F44



611B1A



302C2E



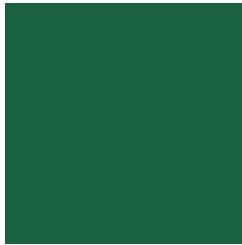
700036



F00073

Previews

White Background



This preview shows how the Hex color 1A613F looks on a white background.

Color Contrast Check

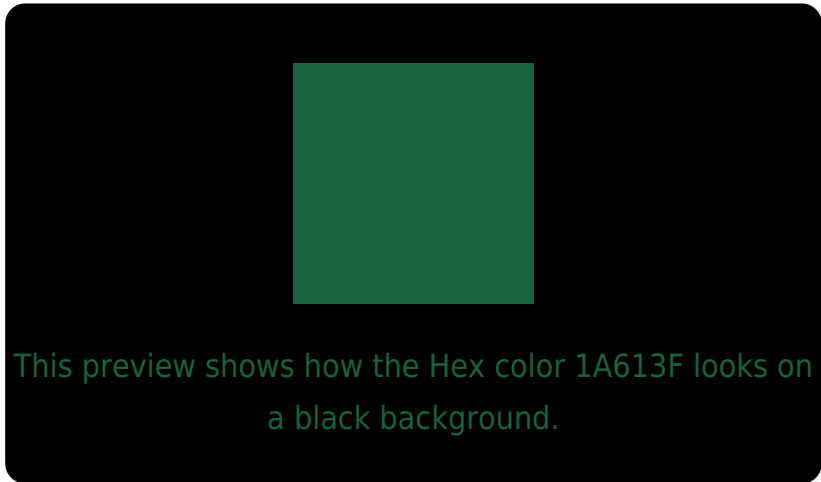
Large Text (above 18pt) WCAG AA ✓ Pass

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

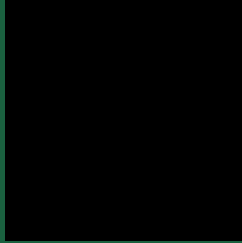
Any Text WCAG AA × Fail

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 1A613F Background



This preview shows how black text looks on a background with the Hex color 1A613F.



This preview shows how white text looks on a background with the Hex color 1A613F.

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
1A613F

Protanopia
5C553A

Deuteranopia
635143

Trichromacy



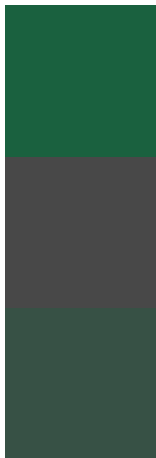
Original Color
1A613F

Protanomaly
44593C

Deuteranomaly
485742

Tritanomaly
245E57

Monochromacy



Original Color
1A613F

Achromatopsia
484848

Achromatomaly
375145

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A613F 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 #1A613F looks like.

```
.text, #text, p{  
    color:#1A613F  
}
```

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 #1A613F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A613F
}
```

Border

The CSS property to change the border of an element to Hex 1A613F 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
#1A613F }
```

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

```
.border{ border-color:#1A613F }
```

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

Here you see how a box with a 4 pixel #1A613F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A613F; -webkit-box-shadow:4px 4px  
4px 4px #1A613F; box-shadow:4px 4px 4px  
4px #1A613F }
```

Background

The CSS property to change the background color of an element to Hex 1A613F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A613F }
```

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

```
.background{ background-color:#1A613F }
```

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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