

Converting Colors

Hex(10614D)

Have a look what the booklet for
Hex(10614D) contains.

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Color

Hex(10614D)

Conversions

Conversions Part 1

Format	Color
Hex	10614D
RGB	16, 97, 77
RGB Percent	6%, 38%, 30%
CMY	0.9373, 0.6196, 0.6980
CMYK	0.84, 0.00, 0.21, 0.62
HSL	165°, 72%, 22%
HSV	165°, 84%, 38%
XYZ	5.8279, 9.1954, 8.4889
YIQ	70.5010, -41.8560, -23.3920

Conversions

Conversions Part 2

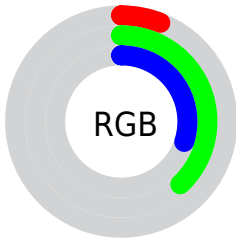
Format	Color
R_{YB}	16, 62, 97
Decimal	1073485
CIE Lab	36.36, -28.52, 4.83
CIE LCh	36, 28.922, 170.382
Yxy	9.1954, 0.2479, 0.3911
Android (android.graphics.Color)	4279263565 (0xFF10614D)
YUV	70.5010, 3.2040, -47.7974
Hunter-Lab	30.3239, -18.7609, 4.6290

Details

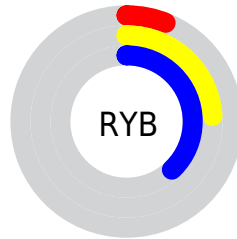
The Hex color **10614D** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **611024**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **4B947E**, and **003221** is the 20% darker color. If you saturate the color by 10%, you get **06614B**, and if you desaturate by 10%, it is **1A614F**.

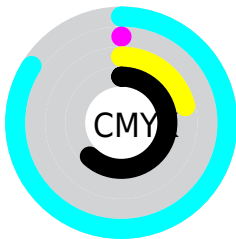
Distribution



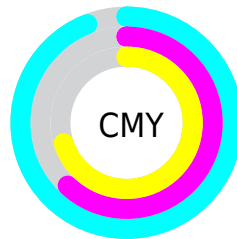
- Red (6%)
- Green (38%)
- Blue (30%)



- Red (6%)
- Yellow (24%)
- Blue (38%)



- Cyan (84%)
- Magenta (0%)
- Yellow (21%)
- Black (62%)



- Cyan (94%)
- Magenta (62%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 10614D 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 10614D by changing the saturation by 10% instead.

 10614D

 10614D

FFFFFF

 004936

 4B947E

 003221

 66AF98

 001F0A

 81CBB3

 000000

 9CE7CE

 B8FFEA

 D4FFFF

 F1FFFF

 10614D

 10614D

■ 06614B

■ 1A614F

■ 006149

■ 236152

■ 2D6154

■ 376157

■ 416159

■ 4A615B

■ 54615E

■ 5E6160

■ 676163

Harmonies

Analogous

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



395E37



10614D



006165

Triad

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



10614D



4C5281



7A4933

Complementary

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



10614D



611024

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.



824347



10614D



6B4973

Square

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



10614D



1A5A83



7D435E



6A5227

Rectangle

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



10614D



006073



7D435E



7E4739

Sweetspot

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



10614D



5E7D75



246110



2D403B



BFBFBF



404040

Same Dimension

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



10614D



007D5E



104D61



2C302F



007054



00F0B5

Inverse Universe

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



611024



7D001F



612410



302C2D



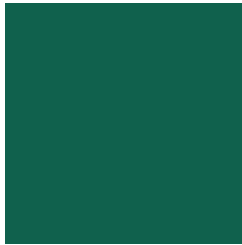
70001C



F0003B

Previews

White Background



This preview shows how the Hex color 10614D looks on a white background.

Color Contrast Check

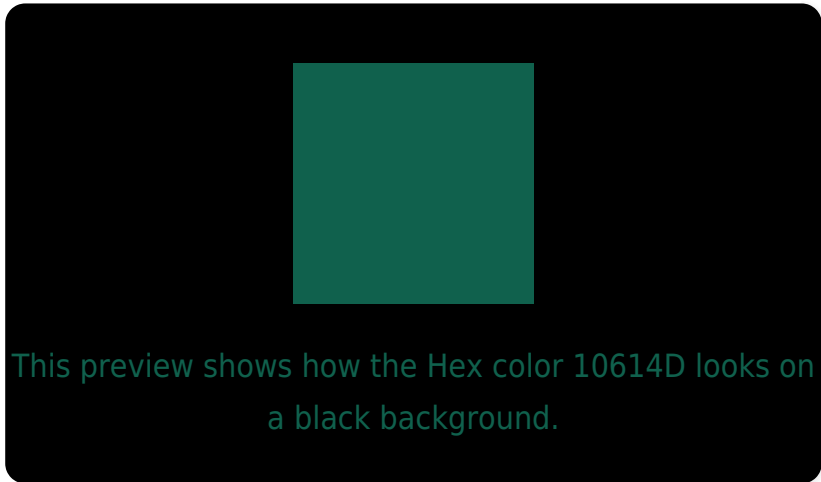
Large Text (above 18pt) WCAG AA ✓ Pass

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

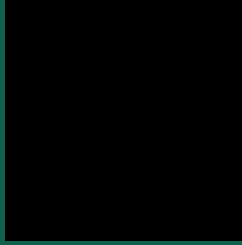
Any Text WCAG AA × Fail

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 10614D Background



This preview shows how black text looks on a background with the Hex color 10614D.



This preview shows how white text looks on a background with the Hex color 10614D.

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
10614D

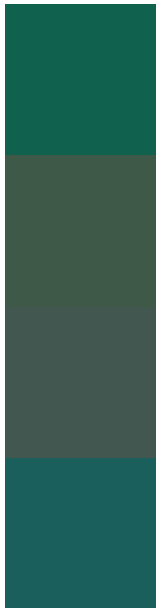
Protanopia
5A5547

Deuteranopia
5F5250



Tritanopia
215E65

Trichromacy



Original Color
10614D

Protanomaly
3F5949

Deuteranomaly
42574F

Tritanomaly
1B5F5C

Monochromacy



Original Color
10614D

Achromatopsia
474747

Achromatomaly
335049

CSS Examples

Text

The CSS property to change the color of the text to Hex 10614D 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 #10614D looks like.

```
.text, #text, p{  
    color:#10614D  
}
```

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 #10614D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10614D
}
```

Border

The CSS property to change the border of an element to Hex 10614D 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
#10614D }
```

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

```
.border{ border-color:#10614D }
```

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

Here you see how a box with a 4 pixel #10614D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10614D; -webkit-box-shadow:4px 4px  
4px 4px #10614D; box-shadow:4px 4px 4px  
4px #10614D }
```

Background

The CSS property to change the background color of an element to Hex 10614D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10614D }
```

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

```
.background{ background-color:#10614D }
```

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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