

# Converting Colors

Hex(14634D)

Have a look what the booklet for  
Hex(14634D) contains.

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# Color

**Hex(14634D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	14634D
RGB	20, 99, 77
RGB Percent	8%, 39%, 30%
CMY	0.9216, 0.6118, 0.6980
CMYK	0.80, 0.00, 0.22, 0.61
HSL	163°, 66%, 23%
HSV	163°, 80%, 39%
XYZ	6.0899, 9.6082, 8.5548
YIQ	72.8710, -40.0220, -23.5900

# Conversions

## Conversions Part 2

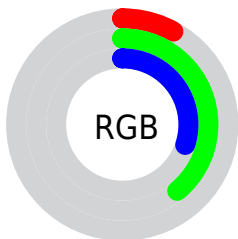
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	20, 66, 99
Decimal	1336141
CIE <sub>Lab</sub>	37.13, -28.93, 5.94
CIE <sub>LCh</sub>	37, 29.537, 168.393
Yxy	9.6082, 0.2511, 0.3962
Android (android.graphics.Color)	4279526221 (0xFF14634D)
YUV	72.8710, 2.0356, -46.3679
Hunter-Lab	30.9971, -19.1758, 5.3348

# Details

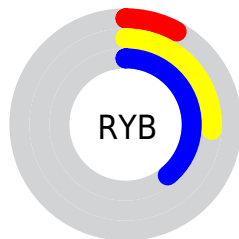
The Hex color **14634D** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **63142A**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **4E967E**, and **003321** is the 20% darker color. If you saturate the color by 10%, you get **0A634A**, and if you desaturate by 10%, it is **1E6350**.

# Distribution



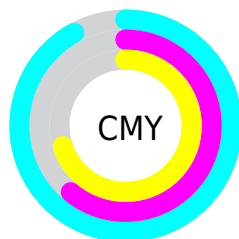
- Red (8%)
- Green (39%)
- Blue (30%)



- Red (8%)
- Yellow (26%)
- Blue (39%)



- Cyan (80%)
- Magenta (0%)
- Yellow (22%)
- Black (61%)



- Cyan (92%)
- Magenta (61%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 14634D 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 14634D by changing the saturation by 10% instead.



 14634D

 14634D

FFFFFF

 004B36

 4E967E

 003321

 68B198

 00200A

 83CDB3

 000000

 9EE9CE

 BAFFEA

 D7FFFF

 F4FFFF

 14634D

 14634D

■ 0A634A

■ 1E6350

■ 006347

■ 286353

■ 326355

■ 3C6358

■ 46635B

■ 4F635E

■ 596360

■ 636363

■ 6D6366

# Harmonies

## Analogous

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



3C6037



14634D



006466

# Triad

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



14634D



4B5584



7E4A35

# Complementary

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



14634D



63142A

# 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.



85444A



14634D



6C4C77

# Square

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



14634D



145D86



7F4562



6E5328

# Rectangle

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



14634D



006374



7F4562



81483B



# Sweetspot

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



14634D



618077



2A6314



2D403B



BFBFBF



404040



# Same Dimension

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



14634D



05805D



145263



2C302F



007051



00F0AD



# Inverse Universe

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



63142A



800527



632514



302C2D



70001F

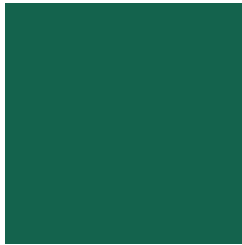


F00043



# Previews

## White Background



This preview shows how the Hex color 14634D looks on a white background.

## Color Contrast Check

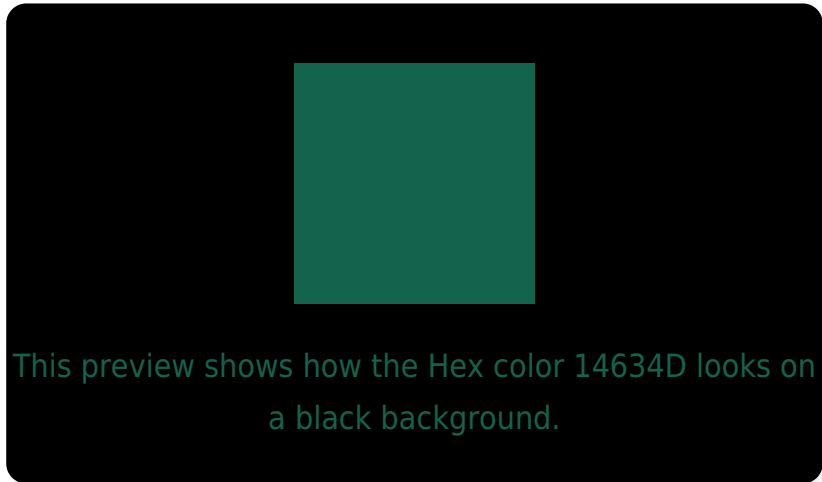
Large Text (above 18pt) WCAG AA ✓ Pass

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

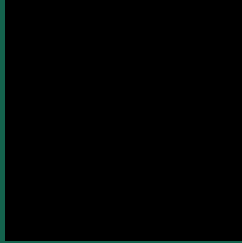
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 14634D Background



This preview shows how black text looks on a background with the Hex color 14634D.

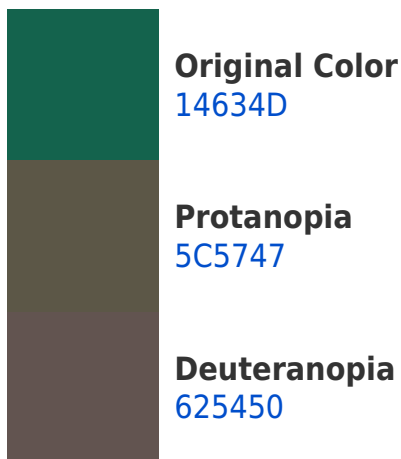


This preview shows how white text looks on a background with the Hex color 14634D.

# 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](#).

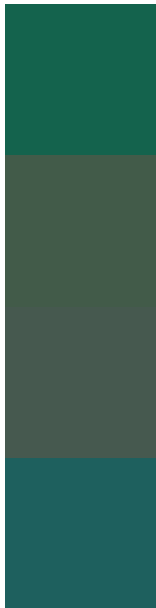
## Dichromacy





**Tritanopia**  
245F67

# Trichromacy



**Original Color**  
14634D

**Protanomaly**  
425B49

**Deuteranomaly**  
46594F

**Tritanomaly**  
1E605E

# Monochromacy



**Original Color**  
14634D

**Achromatopsia**  
494949

**Achromatomaly**  
36524A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 14634D 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 #14634D looks like.

```
.text, #text, p{  
    color:#14634D  
}
```

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 #14634D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #14634D
}
```

## Border

The CSS property to change the border of an element to Hex 14634D 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
#14634D }
```

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

```
.border{ border-color:#14634D }
```

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

Here you see how a box with a 4 pixel #14634D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #14634D; -webkit-box-shadow:4px 4px  
4px 4px #14634D; box-shadow:4px 4px 4px  
4px #14634D }
```

# Background

The CSS property to change the background color of an element to Hex 14634D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#14634D }
```

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

```
.background{ background-color:#14634D }
```

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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