

Converting Colors

Hex(16514B)

Have a look what the booklet for
Hex(16514B) contains.

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Color

Hex(16514B)

Conversions

Conversions Part 1

Format	Color
Hex	16514B
RGB	22, 81, 75
RGB Percent	9%, 32%, 29%
CMY	0.9137, 0.6824, 0.7059
CMYK	0.73, 0.00, 0.07, 0.68
HSL	174°, 57%, 20%
HSV	174°, 73%, 32%
XYZ	4.5433, 6.5634, 7.6840
YIQ	62.6750, -33.2380, -14.3740

Conversions

Conversions Part 2

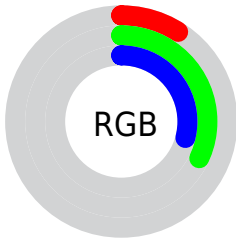
Format	Color
RYB	22, 53, 81
Decimal	1462603
CIELab	30.79, -20.23, -1.97
CIELCh	31, 20.324, 185.574
Yxy	6.5634, 0.2418, 0.3493
Android (android.graphics.Color)	4279652683 (0xFF16514B)
YUV	62.6750, 6.0762, -35.6720
Hunter-Lab	25.6192, -13.1784, 0.1505

Details

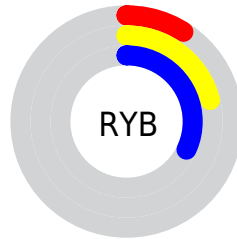
The Hex color **16514B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **51161C**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **4B837C**, and **00241F** is the 20% darker color. If you saturate the color by 10%, you get **0E514A**, and if you desaturate by 10%, it is **1E514C**.

Distribution



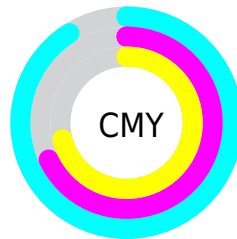
- Red (9%)
- Green (32%)
- Blue (29%)



- Red (9%)
- Yellow (21%)
- Blue (32%)



- Cyan (73%)
- Magenta (0%)
- Yellow (7%)
- Black (68%)



- Cyan (91%)
- Magenta (68%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16514B 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 16514B by changing the saturation by 10% instead.



16514B



16514B

FFFFFF



003A34



4B837C



00241F



659D95



000608



7FB8B0



000000



9AD4CC



B5F0E8



D1FFFF



EEFFFF



16514B



16514B

■ 0E514A

■ 1E514C

■ 065149

■ 26514D

■ 005149

■ 2E514D

■ 36514E

■ 3F514F

■ 475150

■ 4F5151

■ 575152

■ 5F5152

Harmonies

Analogous

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



2C503B



16514B



06505A

Triad

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



16514B



4E4362



5E432C

Complementary

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



16514B



51161C

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.



663E37



16514B



5F3E56

Square

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



16514B



374968



673C46



504829

Rectangle

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



16514B



124F62



673C46



61412F

Sweetspot

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



16514B



526966



1D5116



283634



B5B5B5



363636

Same Dimension

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



16514B



0E695F



163A51



252928



00695E



00E8D0

Inverse Universe

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



51161C



690E17



512D16



292525



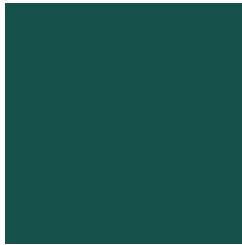
69000B



E80018

Previews

White Background



This preview shows how the Hex color 16514B looks on a white background.

Color Contrast Check

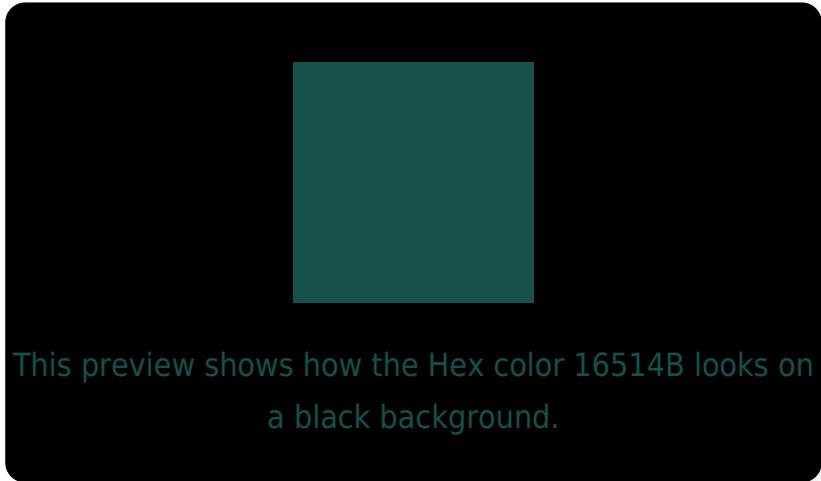
Large Text (above 18pt) WCAG AA ✓ Pass

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

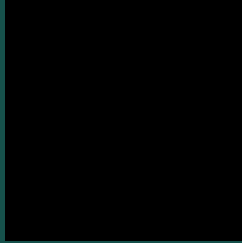
Any Text WCAG AA × Fail

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 16514B Background



This preview shows how black text looks on a background with the Hex color 16514B.



This preview shows how white text looks on a background with the Hex color 16514B.

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
16514B

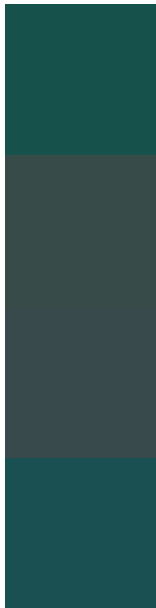
Protanopia
4A4846

Deuteranopia
4D464D



Tritanopia
1C4F56

Trichromacy



Original Color
16514B

Protanomaly
374B48

Deuteranomaly
394A4C

Tritanomaly
1A5052

Monochromacy



Original Color
16514B

Achromatopsia
3F3F3F

Achromatomaly
304643

CSS Examples

Text

The CSS property to change the color of the text to Hex 16514B 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 #16514B looks like.

```
.text, #text, p{  
    color:#16514B  
}
```

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 #16514B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16514B
}
```

Border

The CSS property to change the border of an element to Hex 16514B 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
#16514B }
```

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

```
.border{ border-color:#16514B }
```

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

Here you see how a box with a 4 pixel #16514B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16514B; -webkit-box-shadow:4px 4px  
4px 4px #16514B; box-shadow:4px 4px 4px  
4px #16514B }
```

Background

The CSS property to change the background color of an element to Hex 16514B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16514B }
```

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

```
.background{ background-color:#16514B }
```

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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