

# Converting Colors

Hex(25614B)

Have a look what the booklet for  
Hex(25614B) contains.

<b>Hex(25614B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(25614B)

# Conversions

## Conversions Part 1

Format	Color
Hex	25614B
RGB	37, 97, 75
RGB Percent	15%, 38%, 29%
CMY	0.8549, 0.6196, 0.7059
CMYK	0.62, 0.00, 0.23, 0.62
HSL	158°, 45%, 26%
HSV	158°, 62%, 38%
XYZ	6.3076, 9.4507, 8.1483
YIQ	76.5520, -28.6980, -19.5620

# Conversions

## Conversions Part 2

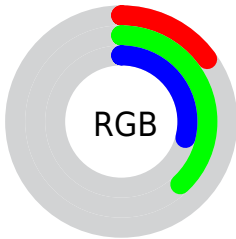
Format	Color
<b>RYB</b>	<b>37, 74, 97</b>
Decimal	2449739
CIELab	36.84, -25.32, 6.82
CIELCh	37, 26.220, 164.927
Yxy	9.4507, 0.2638, 0.3953
Android (android.graphics.Color)	4280639819 (0xFF25614B)
YUV	76.5520, -0.7651, -34.6871
Hunter-Lab	30.7420, -17.1739, 5.8043

# Details

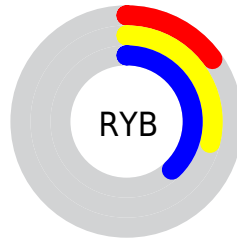
The Hex color **25614B** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **61253B**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **58947C**, and **00321F** is the 20% darker color. If you saturate the color by 10%, you get **1B6147**, and if you desaturate by 10%, it is **2F614F**.

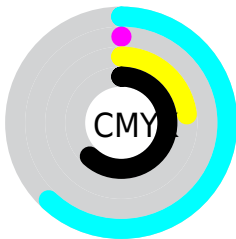
# Distribution



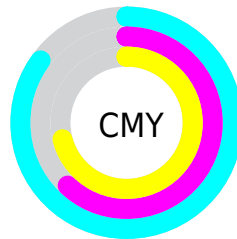
- Red (15%)
- Green (38%)
- Blue (29%)



- Red (15%)
- Yellow (29%)
- Blue (38%)



- Cyan (62%)
- Magenta (0%)
- Yellow (23%)
- Black (62%)



- Cyan (85%)
- Magenta (62%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 25614B 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 25614B by changing the saturation by 10% instead.



 25614B

 25614B

FFFFFF

 064934

 58947C

 00321F

 72AF96

 001F07

 8DCAB0

 000000

 A8E7CC

 C4FFE8

 E0FFFF

 F0FFFF

 25614B

 25614B

■ 1B6147

■ 2F614F

■ 126144

■ 386152

■ 086140

■ 426156

■ 00613D

■ 4C6159

■ 56615D

■ 5F6160

■ 696164

■ 736167

■ 7C616B

# Harmonies

## Analogous

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



425E38



25614B



006261

# Triad

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



25614B



48557F



7B4A3A

# Complementary

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



25614B



61253B

# 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.



7F464D



25614B



664D75

# Square

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



25614B



1F5C7F



794762



6D522E

# Rectangle

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



25614B



00616E



794762



7D4840



# Sweetspot

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



25614B



657D74



3B6125



31403A



BFBFBF



404040



# Same Dimension

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



25614B



207D5B



255961



2C302F



007047



00F098



# Inverse Universe

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



61253B



7D2042



612D25



302C2D



700029

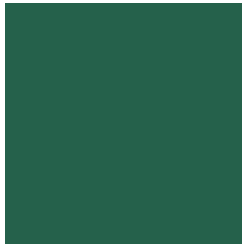


F00058



# Previews

## White Background



This preview shows how the Hex color 25614B looks on a white background.

### Color Contrast Check

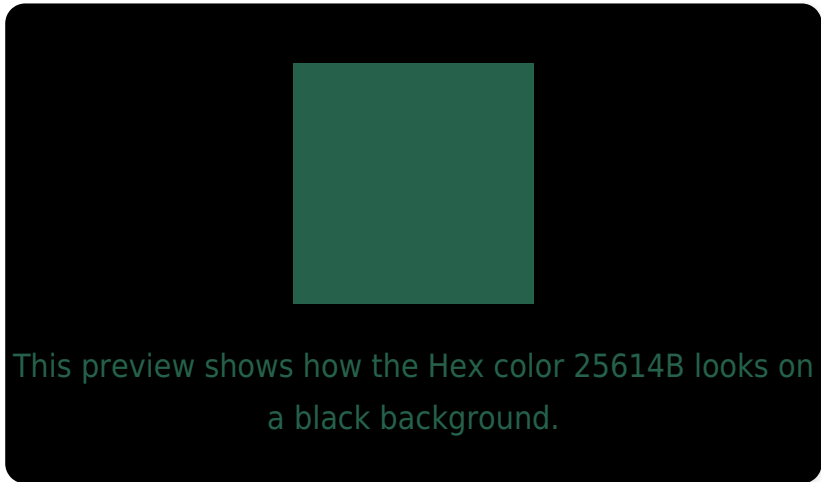
Large Text (above 18pt) WCAG AA ✓ Pass

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

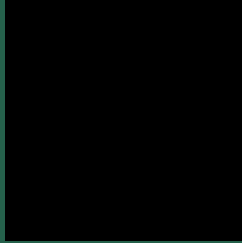
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 25614B Background



This preview shows how black text looks on a background with the Hex color 25614B.



This preview shows how white text looks on a background with the Hex color 25614B.

# 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**  
25614B

**Protanopia**  
5C5646

**Deuteranopia**  
62534E



**Tritanopia**  
2E5E65

# Trichromacy



**Original Color**  
25614B

**Protanomaly**  
485A48

**Deuteranomaly**  
4C584D

**Tritanomaly**  
2B5F5C

# Monochromacy



**Original Color**  
25614B

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
3E544C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 25614B 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 #25614B looks like.

```
.text, #text, p{  
    color:#25614B  
}
```

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 #25614B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25614B
}
```

## Border

The CSS property to change the border of an element to Hex 25614B 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
#25614B }
```

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

```
.border{ border-color:#25614B }
```

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

Here you see how a box with a 4 pixel #25614B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25614B; -webkit-box-shadow:4px 4px  
4px 4px #25614B; box-shadow:4px 4px 4px  
4px #25614B }
```

# Background

The CSS property to change the background color of an element to Hex 25614B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25614B }
```

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

```
.background{ background-color:#25614B }
```

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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