

# Converting Colors

Hex(24615B)

Have a look what the booklet for  
Hex(24615B) contains.

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# Color

**Hex(24615B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	24615B
RGB	36, 97, 91
RGB Percent	14%, 38%, 36%
CMY	0.8588, 0.6196, 0.6431
CMYK	0.63, 0.00, 0.06, 0.62
HSL	174°, 46%, 26%
HSV	174°, 63%, 38%
XYZ	6.8906, 9.6798, 11.4027
YIQ	78.0770, -34.4300, -14.7980

# Conversions

## Conversions Part 2

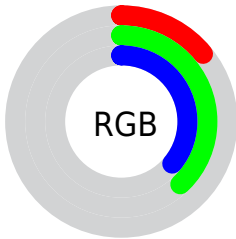
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	36, 68, 97
Decimal	2384219
CIE <sub>Lab</sub>	37.26, -21.09, -2.44
CIE <sub>LCh</sub>	37, 21.231, 186.603
Yxy	9.6798, 0.2463, 0.3460
Android (android.graphics.Color)	4280574299 (0xFF24615B)
YUV	78.0770, 6.3710, -36.9015
Hunter-Lab	31.1124, -14.9135, 0.0487

# Details

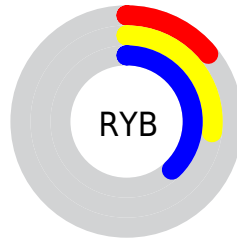
The Hex color **24615B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **61242A**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **58948D**, and **00322D** is the 20% darker color. If you saturate the color by 10%, you get **1A615A**, and if you desaturate by 10%, it is **2E615C**.

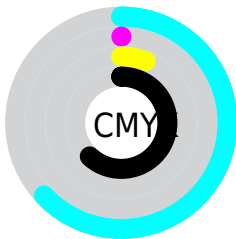
# Distribution



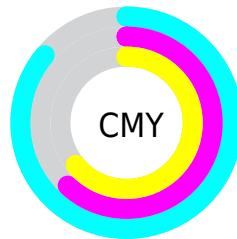
- Red (14%)
- Green (38%)
- Blue (36%)



- Red (14%)
- Yellow (27%)
- Blue (38%)



- Cyan (63%)
- Magenta (0%)
- Yellow (6%)
- Black (62%)



- Cyan (86%)
- Magenta (62%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 24615B 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 24615B by changing the saturation by 10% instead.



 24615B

 24615B

FFFFFF

 024944

 58948D

 00322D

 73AFA7

 001E19

 8DCAC3

 000000

 A9E6DE

 C5FFFB

 E1FFFF

FEFFFF

 24615B

 24615B

■ 1A615A

■ 2E615C

■ 116159

■ 37615D

■ 076158

■ 41615E

■ 006157

■ 4B615F

■ 556160

■ 5E6161

■ 686162

■ 726163

■ 7B6164

# Harmonies

## Analogous

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



39604A



24615B



1A606B

# Triad

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



24615B



5F5273



6F5239

# Complementary

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



24615B



61242A

# 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.



784D44



24615B



704D66

# Square

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



24615B



465879



794B54



605835

# Rectangle

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



24615B



235E74



794B54



72503C



# Sweetspot

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



24615B



657D7B



2A6124



31403E



BFBFBF



404040



# Same Dimension

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



24615B



1F7D74



244961



2C3030



007065



00F0D8



# Inverse Universe

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



61242A



7D1F28



613C24



302C2C



70000B



F00018



# Previews

## White Background



This preview shows how the Hex color 24615B looks on a white background.

## Color Contrast Check

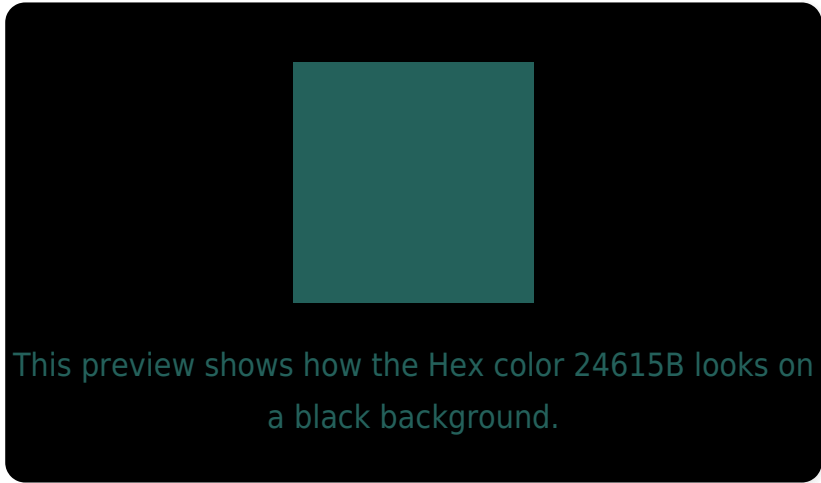
Large Text (above 18pt) WCAG AA ✓ Pass

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

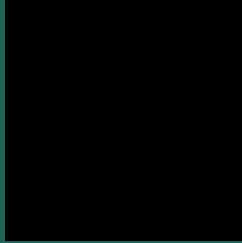
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 24615B Background



This preview shows how black text looks on a background with the Hex color 24615B.



This preview shows how white text looks on a background with the Hex color 24615B.

# 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**  
24615B

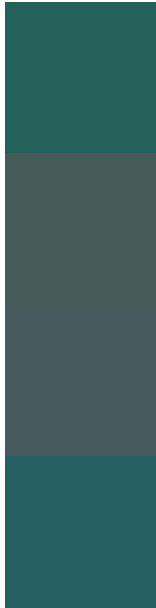
**Protanopia**  
595755

**Deuteranopia**  
5D555E



**Tritanopia**  
295F67

# Trichromacy



**Original Color**  
24615B

**Protanomaly**  
465B57

**Deuteranomaly**  
48595D

**Tritanomaly**  
276063

# Monochromacy



**Original Color**  
24615B

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
3F5553

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 24615B 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 #24615B looks like.

```
.text, #text, p{  
    color:#24615B  
}
```

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 #24615B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24615B
}
```

## Border

The CSS property to change the border of an element to Hex 24615B 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
#24615B }
```

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

```
.border{ border-color:#24615B }
```

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

Here you see how a box with a 4 pixel #24615B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24615B; -webkit-box-shadow:4px 4px  
4px 4px #24615B; box-shadow:4px 4px 4px  
4px #24615B }
```

# Background

The CSS property to change the background color of an element to Hex 24615B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24615B }
```

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

```
.background{ background-color:#24615B }
```

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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