

# Converting Colors

Hex(32615A)

Have a look what the booklet for  
Hex(32615A) contains.

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# Color

**Hex(32615A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	32615A
RGB	50, 97, 90
RGB Percent	20%, 38%, 35%
CMY	0.8039, 0.6196, 0.6471
CMYK	0.48, 0.00, 0.07, 0.62
HSL	171°, 32%, 29%
HSV	171°, 48%, 38%
XYZ	7.4355, 9.9657, 11.2045
YIQ	82.1490, -25.7650, -12.1410

# Conversions

## Conversions Part 2

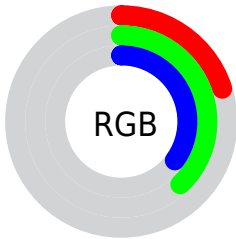
<b>Format</b>	<b>Color</b>
<b>RYB</b>	50, 75, 97
Decimal	3301722
CIELab	37.78, -17.97, -1.00
CIELCh	38, 17.998, 183.174
Yxy	9.9657, 0.2599, 0.3484
Android (android.graphics.Color)	4281491802 (0xFF32615A)
YUV	82.1490, 3.8705, -28.1947
Hunter-Lab	31.5685, -13.2014, 1.0542

# Details

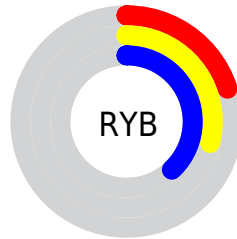
The Hex color **32615A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **613239**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **64948C**, and **00322D** is the 20% darker color. If you saturate the color by 10%, you get **286159**, and if you desaturate by 10%, it is **3C615B**.

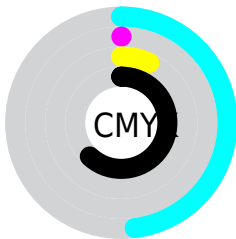
# Distribution



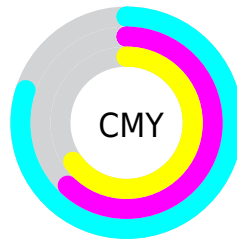
- Red (20%)
- Green (38%)
- Blue (35%)



- Red (20%)
- Yellow (29%)
- Blue (38%)



- Cyan (48%)
- Magenta (0%)
- Yellow (7%)
- Black (62%)



- Cyan (80%)
- Magenta (62%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 32615A 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 32615A by changing the saturation by 10% instead.



■ 32615A

■ 32615A

FFFFFF

■ 194943

■ 64948C

■ 00322D

■ 7EAFA6

■ 001E18

■ 98CAC1

■ 000000

■ B4E6DD

■ D0FFFA

■ ECFFFF

■ 32615A

■ 32615A

■ 286159

■ 3C615B

■ 1F6157

■ 45615D

■ 156156

■ 4F615E

■ 0B6154

■ 596160

■ 026153

■ 626161

■ 006153

■ 6C6163

■ 766164

■ 806166

■ 896167

# Harmonies

## Analogous

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



41604B



32615A



2B6068

# Triad

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



32615A



5D5571



6E543F

# Complementary

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



32615A



613239

# 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.



75504A



32615A



6D5066

# Square

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



32615A



485A76



754E58



62583C

# Rectangle

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



32615A



305F70



754E58



715242



# Sweetspot

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



32615A



6A7D7A



396132



34403E



BFBFBF



404040



# Same Dimension

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



32615A



347D72



325161



2C3030



00705F



00F0CC



# Inverse Universe

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



613239



7D343F



614232



302C2C



700011



F00024



# Previews

## White Background



This preview shows how the Hex color 32615A looks on a white background.

## Color Contrast Check

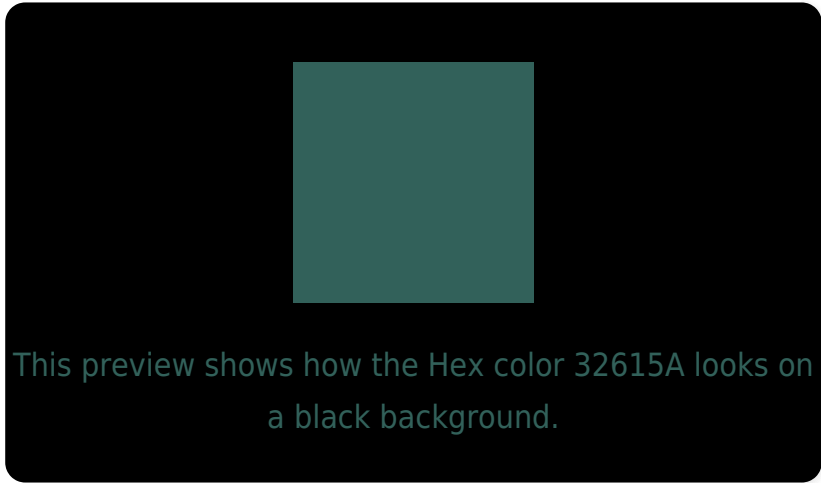
Large Text (above 18pt) WCAG AA ✓ Pass

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

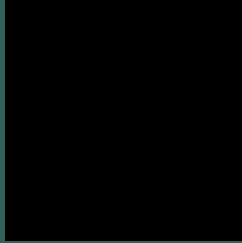
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 32615A Background



This preview shows how black text looks on a background with the Hex color 32615A.



This preview shows how white text looks on a background with the Hex color 32615A.

# 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**  
32615A

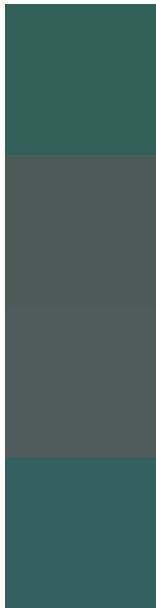
**Protanopia**  
5B5855

**Deuteranopia**  
5F565C



**Tritanopia**  
365F67

# Trichromacy



**Original Color**  
32615A

**Protanomaly**  
4C5B57

**Deuteranomaly**  
4F5A5B

**Tritanomaly**  
356062

# Monochromacy



**Original Color**  
32615A

**Achromatopsia**  
525252

**Achromatomaly**  
465755

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 32615A 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 #32615A looks like.

```
.text, #text, p{  
    color:#32615A  
}
```

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 #32615A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #32615A
}
```

## Border

The CSS property to change the border of an element to Hex 32615A 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".

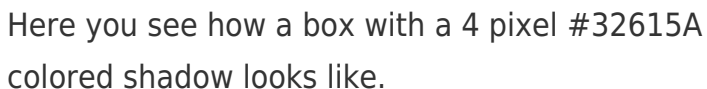
```
.border, #border, table{ border:4px solid
#32615A }
```

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

```
.border{ border-color:#32615A }
```

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

Here you see how a box with a 4 pixel #32615A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #32615A; -webkit-box-shadow:4px 4px  
4px 4px #32615A; box-shadow:4px 4px 4px  
4px #32615A }
```

# Background

The CSS property to change the background color of an element to Hex 32615A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#32615A }
```

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

```
.background{ background-color:#32615A }
```

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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