

# Converting Colors

Hex(65415A)

Have a look what the booklet for  
Hex(65415A) contains.

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**Color**

**Hex(65415A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	65415A
RGB	101, 65, 90
RGB Percent	40%, 25%, 35%
CMY	0.6039, 0.7451, 0.6471
CMYK	0.00, 0.36, 0.11, 0.60
HSL	318°, 22%, 33%
HSV	318°, 36%, 40%
XYZ	9.1026, 7.2855, 10.5993
YIQ	78.6140, 13.4310, 15.4070

# Conversions

## Conversions Part 2

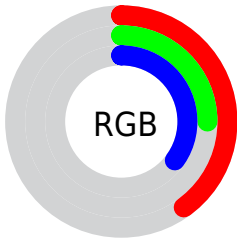
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">101, 65, 90</a>
Decimal	<a href="#">6635866</a>
CIELab	<a href="#">32.45, 19.93, -8.47</a>
CIElCh	<a href="#">32, 21.657, 336.972</a>
Yxy	<a href="#">7.2855, 0.3373, 0.2700</a>
Android (android.graphics.Color)	<a href="#">4284825946 (0xFF65415A)</a>
YUV	<a href="#">78.6140, 5.6133, 19.6325</a>
Hunter-Lab	<a href="#">26.9916, 12.9615, -4.3884</a>

# Details

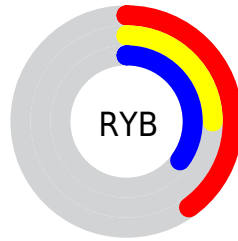
The Hex color **65415A** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **41654C**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **99718C**, and **35152C** is the 20% darker color. If you saturate the color by 10%, you get **653757**, and if you desaturate by 10%, it is **654B5D**.

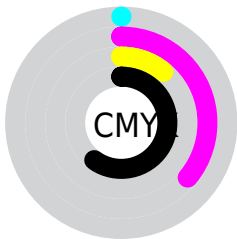
# Distribution



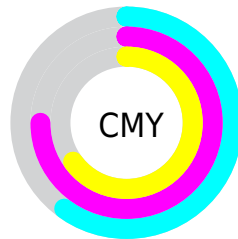
- Red (40%)
- Green (25%)
- Blue (35%)



- Red (40%)
- Yellow (25%)
- Blue (35%)



- Cyan (0%)
- Magenta (36%)
- Yellow (11%)
- Black (60%)



- Cyan (60%)
- Magenta (75%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 65415A 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 65415A by changing the saturation by 10% instead.



65415A

65415A

FFFFFF

4D2A43

99718C

35152C

B48BA6

210018

CFA6C2

000000

ECC1DD

FFDDFA

FFF9FF

65415A

65415A

653757

654B5D

652D54

655560

652351

655F63

65194E

656966

650F4B

657469

650447

657E6D

650046

658870

659273

659C76

# Harmonies

## Analogous

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



534668



65415A



6D3F49

# Triad

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



65415A



544D2A



005560

# Complementary

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



65415A



41654C

# 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.



135550



65415A



415130

# Square

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



65415A



62472D



2C543E



1B526B

# Rectangle

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



65415A



6D403E



2C543E



02555B



# Sweetspot

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



65415A



82747E



4C4165



423A40



C2C2C2



424242



# Same Dimension

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



65415A



824A71



654148



332E31



730050



F200A8



# Inverse Universe

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



65415A



824A71



41655E



332E31



730050

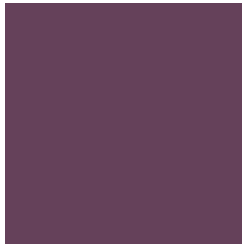


F200A8



# Previews

## White Background



This preview shows how the Hex color 65415A looks on a white background.

## Color Contrast Check

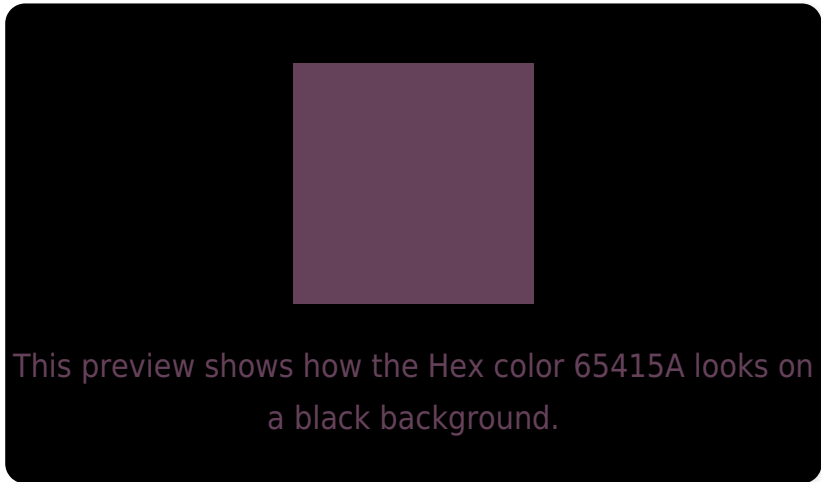
Large Text (above 18pt) WCAG AA ✓ Pass

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

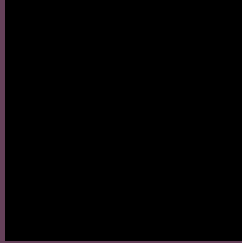
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 65415A Background



This preview shows how black text looks on a background with the Hex color 65415A.

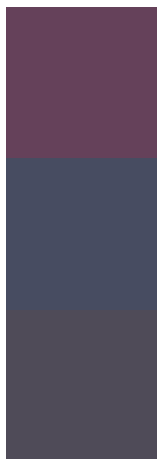


This preview shows how white text looks on a background with the Hex color 65415A.

# 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**  
65415A

**Protanopia**  
474C61

**Deuteranopia**  
4F4B58



**Tritanopia**  
634449

# Trichromacy



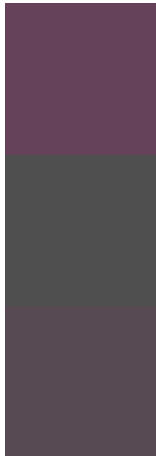
**Original Color**  
65415A

**Protanomaly**  
52485E

**Deuteranomaly**  
574759

**Tritanomaly**  
64434F

# Monochromacy



**Original Color**  
65415A

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
574A53

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 65415A 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 #65415A looks like.

```
.text, #text, p{  
    color:#65415A  
}
```

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 #65415A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65415A
}
```

## Border

The CSS property to change the border of an element to Hex 65415A is called "border". The border property can be set on classes, ids or directly on the HTML element.

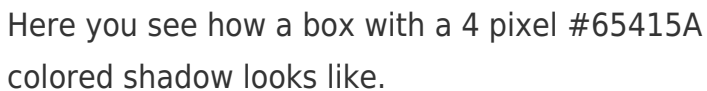
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#65415A }
```

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

```
.border{ border-color:#65415A }
```

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



Here you see how a box with a 4 pixel #65415A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65415A; -webkit-box-shadow:4px 4px  
4px 4px #65415A; box-shadow:4px 4px 4px  
4px #65415A }
```

# Background

The CSS property to change the background color of an element to Hex 65415A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65415A }
```

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

```
.background{ background-color:#65415A }
```

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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