

# Converting Colors

Hex(65495A)

Have a look what the booklet for  
Hex(65495A) contains.

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# Color

**Hex(65495A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	65495A
RGB	101, 73, 90
RGB Percent	40%, 29%, 35%
CMY	0.6039, 0.7137, 0.6471
CMYK	0.00, 0.28, 0.11, 0.60
HSL	324°, 16%, 34%
HSV	324°, 28%, 40%
XYZ	9.5948, 8.2700, 10.7634
YIQ	83.3100, 11.2310, 11.2230

# Conversions

## Conversions Part 2

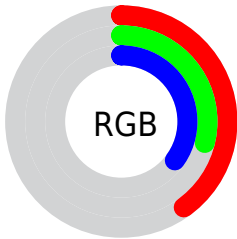
<b>Format</b>	<b>Color</b>
<b>RYB</b>	101, 73, 90
Decimal	6637914
CIELab	34.54, 14.97, -5.34
CIELCh	35, 15.894, 340.371
Yxy	8.2700, 0.3352, 0.2889
Android (android.graphics.Color)	4284827994 (0xFF65495A)
YUV	83.3100, 3.2982, 15.5141
Hunter-Lab	28.7576, 9.2300, -2.0609

# Details

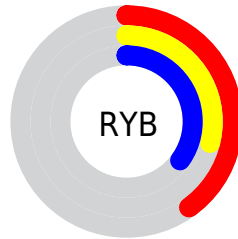
The Hex color **65495A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **496554**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **987A8C**, and **361D2C** is the 20% darker color. If you saturate the color by 10%, you get **653F56**, and if you desaturate by 10%, it is **65535E**.

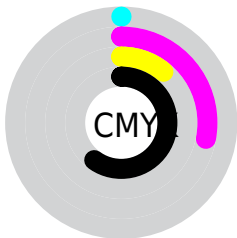
# Distribution



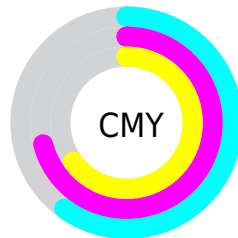
- Red (40%)
- Green (29%)
- Blue (35%)



- Red (40%)
- Yellow (29%)
- Blue (35%)



- Cyan (0%)
- Magenta (28%)
- Yellow (11%)
- Black (60%)



- Cyan (60%)
- Magenta (71%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 65495A 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 65495A by changing the saturation by 10% instead.





65495A



65495A

FFFFFF



4D3243



987A8C



361D2C



B394A6



210518



CFAEC2



000000



EBCADD



FFE6FA



65495A



65495A



653F56



65535E



653552



655D62

652B4E

656766

65214A

65716A

651646

657C6E

650C42

658672

65023E

659076

65003D

659A7A

65A47E

# Harmonies

## Analogous

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



594C65



65495A



6B484D

# Triad

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



65495A



565238



2C5761

# Complementary

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



65495A



496554

# 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.



2E5855



65495A



48553E

# Square

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



65495A



624E3A



395848



365569

# Rectangle

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



65495A



6A4945



395848



2B585E



# Sweetspot

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



65495A



82787E



544965



423C40



C2C2C2



424242



# Same Dimension

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



65495A



825771



65494C



332E31



730046



F20093



# Inverse Universe

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



65495A



825771



496562



332E31



730046

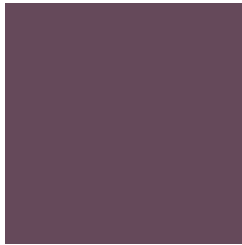


F20093



# Previews

## White Background



This preview shows how the Hex color 65495A looks on a white background.

## Color Contrast Check

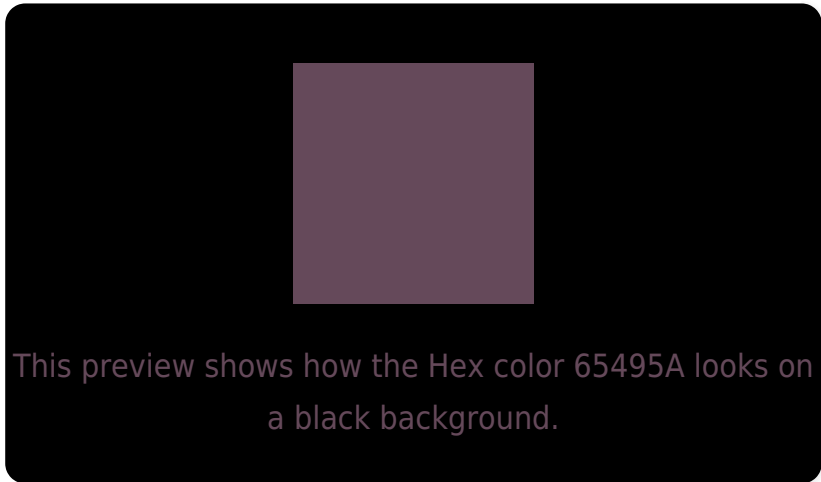
Large Text (above 18pt) WCAG AA ✓ Pass

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

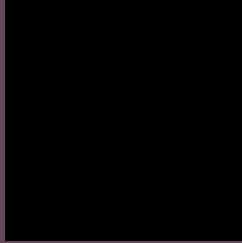
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 65495A Background



This preview shows how black text looks on a background with the Hex color 65495A.

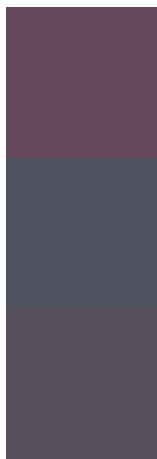


This preview shows how white text looks on a background with the Hex color 65495A.

# 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**  
65495A

**Protanopia**  
4F515F

**Deuteranopia**  
564F59



**Tritanopia**  
644B50

# Trichromacy



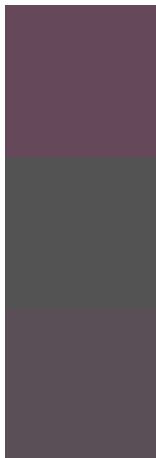
**Original Color**  
65495A

**Protanomaly**  
574E5D

**Deuteranomaly**  
5B4D59

**Tritanomaly**  
644A54

# Monochromacy



**Original Color**  
65495A

**Achromatopsia**  
535353

**Achromatomaly**  
5A4F56

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 65495A 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 #65495A looks like.

```
.text, #text, p{  
    color:#65495A  
}
```

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 #65495A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65495A
}
```

## Border

The CSS property to change the border of an element to Hex 65495A is called "border". The border property can be set on classes, ids or directly on the HTML element.

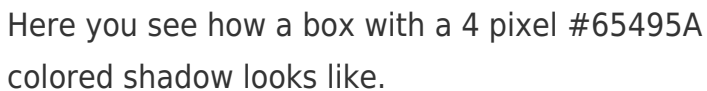
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#65495A }
```

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

```
.border{ border-color:#65495A }
```

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



Here you see how a box with a 4 pixel #65495A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65495A; -webkit-box-shadow:4px 4px  
4px 4px #65495A; box-shadow:4px 4px 4px  
4px #65495A }
```

# Background

The CSS property to change the background color of an element to Hex 65495A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65495A }
```

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

```
.background{ background-color:#65495A }
```

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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